



**AUSTRALIAN BUREAU OF STATISTICS**  
**Canberra**



# **LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT AUSTRALIA**

**FEBRUARY 1988**

**CATALOGUE NO. 6235.0**



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**LABOUR FORCE STATUS AND EDUCATIONAL  
ATTAINMENT, AUSTRALIA**

**FEBRUARY 1988**

**IAN CASTLES**

**Australian Statistician**

**AUSTRALIAN BUREAU OF STATISTICS**

**CATALOGUE NO. 6235.0**

• Commonwealth of Australia 1988

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| PHONE INQUIRIES     | • <i>about these statistics</i> —contact Mr Michael Maynard on Canberra (062) 52 7503 or any ABS State office.                                      |
|                     | • <i>about other statistics and ABS services</i> —contact Information Services on Canberra (062) 52 6627, 52 5402, 52 6007 or any ABS State office. |
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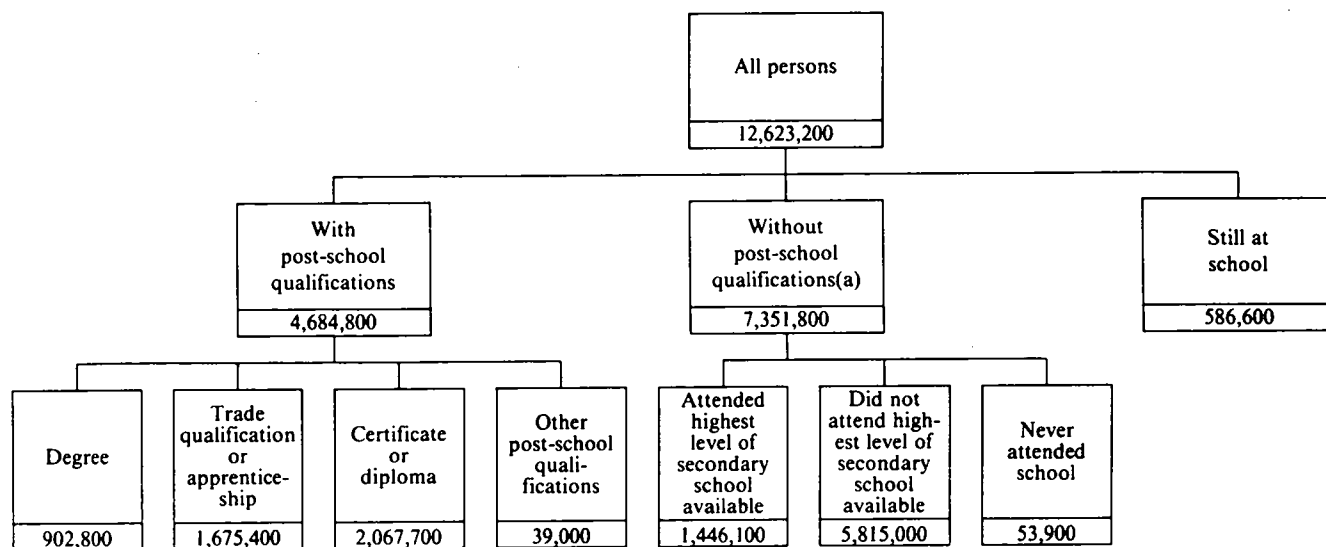


## SUMMARY OF FINDINGS

### Educational attainment

An estimated 4,684,000 persons with post-school qualifications made up 37.1 per cent of the civilian population aged 15 and over in February 1988. Those with no post-school qualifications numbered 7,351,800 (58.2 per cent) and 586,600 (4.6 per cent) were still at school. Of the 4,684,800 persons with post-school qualifications, 902,800 persons (19.3 per cent) had a degree or higher qualification (e.g. honours, masters or doctorate), 1,675,400 (35.8 per cent) had a trade qualification or apprenticeship, 2,067,700 (44.1 per cent) had a certificate or diploma, and 39,000 (0.8 per cent) had other forms of post-school qualifications. For those without post-school qualifications, about one in five (19.7 per cent) had attended the highest level of secondary school available.

**DIAGRAM 1. ALL PERSONS : EDUCATIONAL ATTAINMENT**  
(Source of data : Table 4)

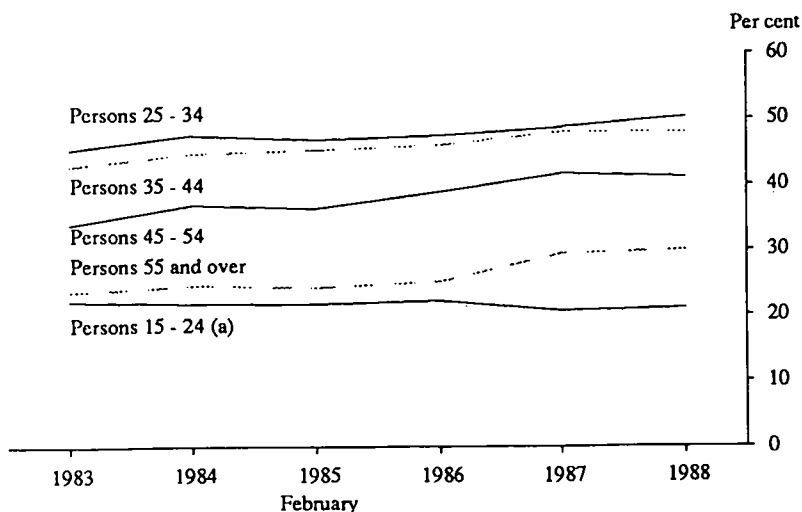


(a) Includes persons for whom secondary school qualifications could not be determined.

The trend towards a more qualified population, evident over the last five years, has continued in February 1988. While 32.9 per cent of persons had a post-school qualification in February 1983, the February 1988 estimate was 37.1 per cent, a rise of 4.2 percentage points. The rises for qualified males and females were comparable (4.5 percentage points for males and 4.0 percentage points for females), however differences were evident for some groups. For example, for persons aged 25 to 34 years there was an increase of 6.1 percentage points in the proportion of females with post-school qualifications, between 1983 and 1988, whereas for males, the increase was 3.5 percentage points.

The proportion of persons aged between 15 and 24 (excluding those still at school) with post-school qualifications, in contrast to the older age groups, has remained much the same over the period from February 1983 (26.5 per cent) to February 1988 (26.9 per cent). This comparatively lower level is greatly influenced by the numbers of persons within this age group who have yet to complete their full-time education.

**DIAGRAM 2. ALL PERSONS : PROPORTION OF PERSONS WITH POST-SCHOOL QUALIFICATIONS BY AGE, FEBRUARY 1983 TO FEBRUARY 1988**  
(Source of data : Table 2)

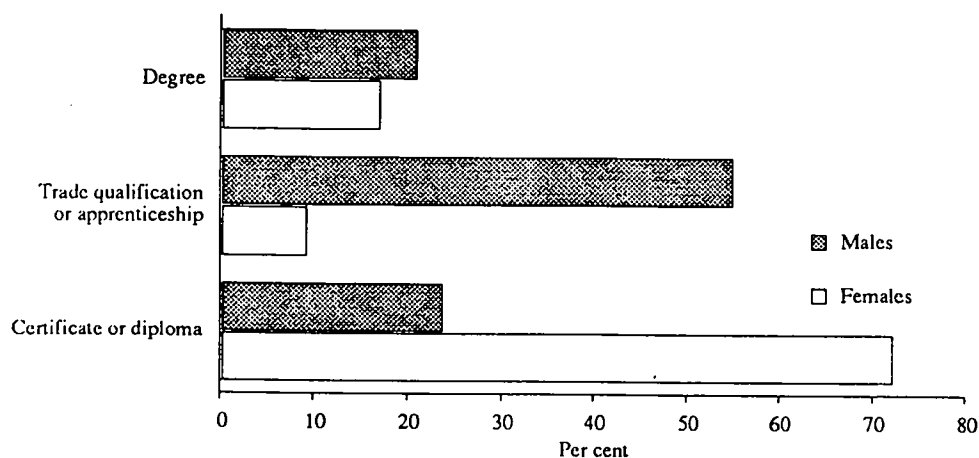


(a) Excludes those still at school.

### Post-school qualifications

While a larger proportion of males had a post-school qualification than females (43.7 per cent and 30.7 per cent respectively), the difference is less marked for those who hold a degree or higher qualification (20.9 per cent of males with post-school qualifications and 17.0 per cent of females). On the other hand, trade qualifications or apprenticeships were predominantly a male qualification, with 55.0 per cent of all post-school qualified males holding such qualifications, compared with only 9.3 per cent of the equivalent female group. Certificates and diplomas on the other hand, were predominantly obtained by females (72.2 per cent compared to 23.8 per cent of males with a post-school qualification).

**DIAGRAM 3. PERSONS WITH POST-SCHOOL QUALIFICATIONS : PROPORTION OF MALES AND FEMALES BY LEVEL OF POST-SCHOOL QUALIFICATION, FEBRUARY 1988**  
(Source of data: Table 1)



Persons with post-school qualifications in February 1988 were likely to be more active in the labour force than those without post-school qualifications. Their participation rate was higher (75.9 per cent), unemployment rate lower (5.2 per cent) and average duration of unemployment was amongst the shortest (38 weeks). Both males and females with degree qualifications had the highest participation rates — 89.2 per cent for males and 77.5 per cent for females. Males qualified in fields of administration or medicine had particularly high participation rates of 93.8 per cent and 93.6 per cent respectively. The highest participation rate for females was recorded by those qualified in law (88.3 per cent).

### Industry

The distribution of employed persons with a post-school qualification varied across industry divisions. The industry division which had the highest proportion of employees with post-school qualifications was Community services (74.5 per cent of male employees and 66.0 per cent of female employees). These high proportions contrast with those in the Agriculture, forestry, fishing and hunting industry division where 25.8 per cent of male employees had a post-school qualification, and similarly for the Wholesale and retail trade industry division where 25.7 per cent of female employees held post-school qualifications.

### Occupation

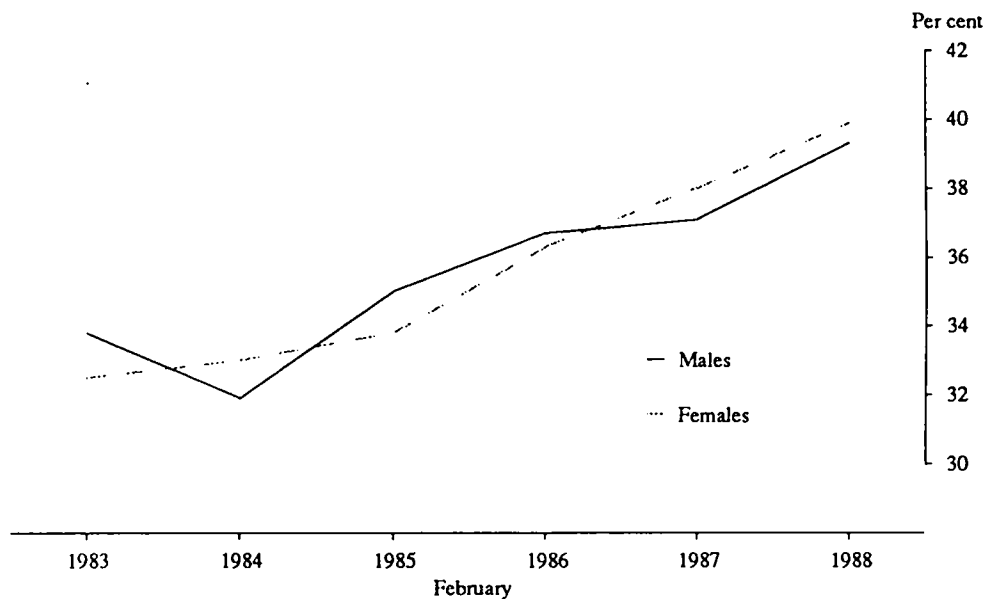
The distribution of post-school qualifications across occupation major groups also varied. Persons employed as Professionals were the most qualified with 88.9 per cent of all male employees and 90.1 per cent of female employees having obtained a post-school qualification. Labourers and related workers were generally without post-school qualifications, with only 24.1 per cent of males and 15.2 per cent of females employed in that occupation major group having these qualifications. Female employees of the Plant and machine operators, and drivers occupation major group also had a low proportion of employees with post-school qualifications (15.4 per cent).



### Without post-school qualifications

The trend toward higher education is evident for those without post-school qualifications, with a growing proportion of persons having attended the highest level of secondary school available. In February 1983, 33.2 per cent of 15 to 24 year olds (excluding those still at school) without post-school qualifications had attended the highest level of secondary school available, compared with 39.6 per cent of the same group in February 1988. A comparison across age groups shows that in February 1988, 8.6 per cent of those aged 55 and over without post-school qualifications had attended the highest available level, rising to a proportion of 25.3 per cent of the 25 to 34 cohort and 39.6 per cent of the 15 to 24 cohort.

**DIAGRAM 4. PERSONS AGED 15 TO 24 WITHOUT POST-SCHOOL QUALIFICATIONS:  
PROPORTION OF MALES AND FEMALES WHO HAD ATTENDED THE HIGHEST  
LEVEL OF SECONDARY SCHOOL AVAILABLE,  
FEBRUARY 1983 TO FEBRUARY 1988**  
(Source of data : Table 2)



Persons without post-school qualifications who had attended the highest level of secondary school available had, on average, a better chance of being employed than those who had not attended that level (64.6 per cent and 47.4 per cent respectively).

TABLE 1. ALL PERSONS: LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT,  
FEBRUARY 1983 TO FEBRUARY 1988  
( '000)

|  | 1983    | 1984    | 1985    | 1986    | 1987(a) | 1988(a) |
|--|---------|---------|---------|---------|---------|---------|
| MALES  |         |         |         |         |         |         |
| <i>Employed</i>  | 3,959.2 | 4,000.3 | 4,072.5 | 4,180.5 | 4,230.9 | 4,341.5 |
| With post-school qualifications                            | 1,789.6 | 1,881.2 | 1,894.1 | 1,991.6 | 2,091.9 | 2,171.1 |
| Degree   | 386.9   | 425.1   | 435.6   | 456.7   | 456.8   | 493.1   |
| Trade qualification or apprenticeship                      | 1,368.6 | 1,424.9 | 1,410.0 | 1,490.4 | 1,129.8 | 1,150.6 |
| Certificate or diploma                                     |         |         |         |         | 495.2   | 520.6   |
| Other  | 34.1    | 31.2    | 48.5    | 44.5    | 10.1    | 6.9     |
| Without post-school qualifications(b)                      | 2,144.1 | 2,081.3 | 2,142.7 | 2,147.4 | 2,086.1 | 2,120.3 |
| Attended highest level of secondary school available       | 487.0   | 454.3   | 505.4   | 502.4   | 516.5   | 547.3   |
| Did not attend highest level of secondary school available | 1,651.3 | 1,618.9 | 1,631.7 | 1,639.5 | 1,556.5 | 1,551.4 |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 542.4   | 544.5   | 573.4   | 590.8   | 596.3   | 604.0   |
| 15 and under   | 1,108.9 | 1,074.4 | 1,058.3 | 1,048.7 | 960.2   | 947.4   |
| Still at school  | 25.5    | 37.8    | 35.7    | 41.5    | 52.9    | 50.0    |
| <i>Unemployed</i>  | 440.8   | 435.8   | 390.4   | 367.9   | 395.4   | 354.7   |
| With post-school qualifications                            | 124.6   | 118.6   | 94.4    | 88.7    | 97.6    | 93.3    |
| Degree   | 14.5    | 18.9    | 12.5    | 12.7    | 14.5    | 13.2    |
| Trade qualification or apprenticeship                      | 106.5   | 96.7    | 77.7    | 70.0    | 59.9    | 56.0    |
| Certificate or diploma                                     |         |         |         |         | 21.9    | 22.8    |
| Other  | *       | *       | *       | 6.0     | *       | *       |
| Without post-school qualifications(b)                      | 303.6   | 301.6   | 284.0   | 262.2   | 279.6   | 242.5   |
| Attended highest level of secondary school available       | 59.0    | 60.6    | 60.3    | 54.0    | 61.0    | 50.2    |
| Did not attend highest level of secondary school available | 243.0   | 238.5   | 223.0   | 207.6   | 216.5   | 189.6   |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 91.9    | 89.0    | 79.3    | 69.6    | 83.2    | 78.4    |
| 15 and under   | 151.2   | 149.5   | 143.7   | 138.0   | 133.3   | 111.2   |
| Still at school  | 12.6    | 15.6    | 12.0    | 17.0    | 18.2    | 18.8    |
| <i>Labour force</i>  | 4,400.0 | 4,436.2 | 4,462.9 | 4,548.5 | 4,626.3 | 4,696.1 |
| With post-school qualifications                            | 1,914.2 | 1,999.8 | 1,988.5 | 2,080.4 | 2,189.5 | 2,264.5 |
| Degree   | 401.4   | 444.1   | 448.0   | 469.4   | 471.3   | 506.2   |
| Trade qualification or apprenticeship                      | 1,475.1 | 1,521.6 | 1,487.7 | 1,560.4 | 1,189.7 | 1,206.6 |
| Certificate or diploma                                     |         |         |         |         | 517.1   | 543.4   |
| Other  | 37.7    | 34.1    | 52.8    | 50.6    | 11.3    | 8.2     |
| Without post-school qualifications(b)                      | 2,447.7 | 2,382.9 | 2,426.7 | 2,409.7 | 2,365.7 | 2,362.8 |
| Attended highest level of secondary school available       | 546.1   | 514.9   | 565.7   | 556.3   | 577.5   | 597.5   |
| Did not attend highest level of secondary school available | 1,894.3 | 1,857.5 | 1,854.7 | 1,847.1 | 1,773.0 | 1,741.0 |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 634.2   | 633.6   | 652.7   | 660.4   | 679.5   | 682.5   |
| 15 and under   | 1,260.1 | 1,223.9 | 1,202.0 | 1,186.7 | 1,093.5 | 1,058.5 |
| Still at school  | 38.1    | 53.5    | 47.7    | 58.4    | 71.1    | 68.8    |
| <i>Not in labour force</i>                                 | 1,187.7 | 1,237.5 | 1,309.5 | 1,409.2 | 1,466.0 | 1,520.1 |
| With post-school qualifications                            | 275.0   | 297.4   | 320.0   | 358.4   | 433.5   | 451.2   |
| Degree   | 42.4    | 49.0    | 57.0    | 56.7    | 60.4    | 61.1    |
| Trade qualification or apprenticeship                      | 226.4   | 244.3   | 256.2   | 294.0   | 277.7   | 285.7   |
| Certificate or diploma                                     |         |         |         |         | 93.6    | 103.3   |
| Other  | 6.2     | *       | 6.8     | 7.7     | *       | *       |
| Without post-school qualifications(b)                      | 748.0   | 754.2   | 803.0   | 858.7   | 818.6   | 851.2   |
| Attended highest level of secondary school available       | 109.3   | 103.7   | 107.3   | 134.9   | 119.2   | 131.7   |
| Did not attend highest level of secondary school available | 625.5   | 642.0   | 681.8   | 712.3   | 683.8   | 703.9   |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 80.8    | 72.2    | 83.7    | 100.9   | 98.6    | 109.5   |
| 15 and under   | 544.7   | 569.8   | 598.1   | 611.4   | 585.1   | 594.4   |
| Still at school  | 164.7   | 185.9   | 186.5   | 192.1   | 213.9   | 217.7   |
| <i>All males</i>   | 5,587.7 | 5,673.7 | 5,772.4 | 5,957.7 | 6,092.3 | 6,216.2 |
| With post-school qualifications                            | 2,189.2 | 2,297.2 | 2,308.5 | 2,438.8 | 2,623.0 | 2,715.7 |
| Degree   | 443.7   | 493.1   | 505.1   | 526.2   | 531.7   | 567.3   |
| Trade qualification or apprenticeship                      | 1,701.4 | 1,765.9 | 1,743.9 | 1,854.4 | 1,467.4 | 1,492.3 |
| Certificate or diploma                                     |         |         |         |         | 610.7   | 646.7   |
| Other  | 44.0    | 38.2    | 59.5    | 58.2    | 13.2    | 9.4     |
| Without post-school qualifications(b)                      | 3,195.7 | 3,137.1 | 3,229.7 | 3,268.3 | 3,184.3 | 3,214.0 |
| Attended highest level of secondary school available       | 655.4   | 618.6   | 673.1   | 691.3   | 696.8   | 729.2   |
| Did not attend highest level of secondary school available | 2,519.8 | 2,499.5 | 2,536.5 | 2,559.5 | 2,456.7 | 2,444.9 |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 715.0   | 705.7   | 736.3   | 761.3   | 778.1   | 792.0   |
| 15 and under   | 1,804.7 | 1,793.7 | 1,800.1 | 1,798.2 | 1,678.6 | 1,652.9 |
| Still at school  | 202.8   | 239.5   | 234.2   | 250.6   | 285.0   | 286.5   |

For footnotes see end of table.

**TABLE 1. ALL PERSONS: LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT,  
FEBRUARY 1983 TO FEBRUARY 1988—continued**  
( '000)

|  | 1983    | 1984    | 1985    | 1986    | 1987(a) | 1988(a) |
|--|---------|---------|---------|---------|---------|---------|
| <b>FEMALES</b>   |         |         |         |         |         |         |
| <b>Employed</b>  | 2,295.8 | 2,365.7 | 2,503.7 | 2,646.8 | 2,767.3 | 2,877.7 |
| With post-school qualifications                            | 864.6   | 918.8   | 1,011.8 | 1,075.4 | 1,147.7 | 1,199.1 |
| Degree   | 170.8   | 184.3   | 227.2   | 237.7   | 230.4   | 245.7   |
| Trade qualification or apprenticeship                      | 667.5   | 704.1   | 742.8   | 792.6   | 88.1    | 82.3    |
| Certificate or diploma                                     |         |         |         |         | 813.8   | 858.6   |
| Other  |         |         |         |         | 15.3    | 12.4    |
| Without post-school qualifications(b)                      | 1,393.4 | 1,399.2 | 1,442.3 | 1,512.4 | 1,553.5 | 1,607.5 |
| Attended highest level of secondary school available       | 292.7   | 333.3   | 327.9   | 355.8   | 370.8   | 387.6   |
| Did not attend highest level of secondary school available | 1,096.8 | 1,061.5 | 1,113.3 | 1,152.8 | 1,168.6 | 1,205.2 |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 389.6   | 387.0   | 426.8   | 468.0   | 468.4   | 506.5   |
| 15 and under   | 707.2   | 674.5   | 686.5   | 684.8   | 700.2   | 698.7   |
| Still at school  | 37.8    | 47.7    | 49.6    | 59.0    | 66.1    | 71.1    |
| <b>Unemployed</b>  | 305.9   | 301.9   | 283.2   | 295.3   | 304.2   | 288.1   |
| With post-school qualifications                            | 87.4    | 88.5    | 70.6    | 83.1    | 83.2    | 91.2    |
| Degree   | 15.0    | 14.2    | 11.2    | 14.8    | 11.1    | 14.2    |
| Trade qualification or apprenticeship                      | 68.9    | 71.1    | 53.7    | 60.6    | 5.7     | 6.8     |
| Certificate or diploma                                     |         |         |         |         | 64.3    | 68.2    |
| Other  |         |         |         |         | *       | *       |
| Without post-school qualifications(b)                      | 206.0   | 198.0   | 192.8   | 193.0   | 197.3   | 174.9   |
| Attended highest level of secondary school available       | 43.3    | 41.4    | 41.2    | 45.6    | 49.7    | 48.0    |
| Did not attend highest level of secondary school available | 161.5   | 156.1   | 151.7   | 145.9   | 145.9   | 124.3   |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 66.7    | 62.6    | 65.9    | 64.1    | 63.0    | 54.6    |
| 15 and under   | 94.8    | 93.5    | 85.8    | 81.8    | 82.9    | 69.6    |
| Still at school  | 12.5    | 15.4    | 19.8    | 19.2    | 23.7    | 22.0    |
| <b>Labour force</b>  | 2,601.7 | 2,667.6 | 2,787.0 | 2,942.2 | 3,071.5 | 3,165.8 |
| With post-school qualifications                            | 952.0   | 1,007.2 | 1,082.4 | 1,158.5 | 1,230.9 | 1,290.2 |
| Degree   | 185.7   | 198.5   | 238.4   | 252.5   | 241.6   | 259.8   |
| Trade qualification or apprenticeship                      | 736.5   | 775.2   | 796.5   | 853.3   | 93.9    | 89.1    |
| Certificate or diploma                                     |         |         |         |         | 878.1   | 926.9   |
| Other  |         |         |         |         | 17.3    | 14.4    |
| Without post-school qualifications(b)                      | 1,599.4 | 1,597.3 | 1,635.2 | 1,705.4 | 1,750.9 | 1,782.4 |
| Attended highest level of secondary school available       | 336.1   | 374.7   | 369.1   | 401.5   | 420.5   | 435.6   |
| Did not attend highest level of secondary school available | 1,258.3 | 1,217.6 | 1,264.9 | 1,298.6 | 1,314.5 | 1,329.5 |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 456.3   | 449.5   | 492.7   | 532.1   | 531.4   | 561.1   |
| 15 and under   | 802.0   | 768.1   | 772.2   | 766.5   | 783.1   | 768.4   |
| Still at school  | 50.3    | 63.1    | 69.4    | 78.3    | 89.8    | 93.1    |
| <b>Not in labour force</b>                                 | 3,073.9 | 3,147.1 | 3,136.7 | 3,201.2 | 3,207.9 | 3,241.2 |
| With post-school qualifications                            | 561.7   | 632.7   | 584.6   | 616.1   | 673.4   | 678.9   |
| Degree   | 63.5    | 71.9    | 73.0    | 86.1    | 77.8    | 75.6    |
| Trade qualification or apprenticeship                      | 471.9   | 532.9   | 482.4   | 493.6   | 90.3    | 94.0    |
| Certificate or diploma                                     |         |         |         |         | 492.3   | 494.1   |
| Other  |         |         |         |         | 12.9    | 15.2    |
| Without post-school qualifications(b)                      | 2,351.9 | 2,350.5 | 2,386.6 | 2,416.2 | 2,352.0 | 2,355.4 |
| Attended highest level of secondary school available       | 280.8   | 281.8   | 286.7   | 282.0   | 278.3   | 281.4   |
| Did not attend highest level of secondary school available | 2,043.2 | 2,043.6 | 2,070.0 | 2,108.8 | 2,036.9 | 2,040.6 |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 385.0   | 417.5   | 436.4   | 431.1   | 426.0   | 432.0   |
| 15 and under   | 1,658.2 | 1,626.1 | 1,633.6 | 1,677.7 | 1,610.9 | 1,608.5 |
| Still at school  | 160.3   | 163.9   | 165.5   | 168.9   | 182.5   | 206.9   |
| <b>All females</b>   | 5,675.7 | 5,814.7 | 5,923.7 | 6,143.4 | 6,279.5 | 6,407.0 |
| With post-school qualifications                            | 1,513.7 | 1,640.0 | 1,667.0 | 1,774.6 | 1,904.3 | 1,969.1 |
| Degree   | 249.2   | 270.4   | 311.4   | 338.6   | 319.4   | 335.5   |
| Trade qualification or apprenticeship                      | 1,208.3 | 1,308.1 | 1,278.8 | 1,346.9 | 184.2   | 183.1   |
| Certificate or diploma                                     |         |         |         |         | 1,370.4 | 1,421.0 |
| Other  |         |         |         |         | 30.3    | 29.6    |
| Without post-school qualifications(b)                      | 3,951.3 | 3,947.7 | 4,021.8 | 4,121.6 | 4,102.9 | 4,137.9 |
| Attended highest level of secondary school available       | 616.9   | 656.5   | 655.7   | 683.5   | 698.9   | 716.9   |
| Did not attend highest level of secondary school available | 3,301.5 | 3,261.1 | 3,335.0 | 3,407.4 | 3,351.4 | 3,370.1 |
| Left at age—   |         |         |         |         |         |         |
| 16 and over  | 841.3   | 867.0   | 929.2   | 963.2   | 957.4   | 993.2   |
| 15 and under   | 2,460.2 | 2,394.1 | 2,405.8 | 2,444.2 | 2,394.0 | 2,376.9 |
| Still at school  | 210.7   | 227.0   | 234.9   | 247.2   | 272.3   | 300.0   |

For footnotes see end of table.

**TABLE 1. ALL PERSONS: LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT,  
FEBRUARY 1983 TO FEBRUARY 1988—continued**  
(\* 000)

|  | 1983     | 1984     | 1985     | 1986     | 1987(a)  | 1988(a)  |
|--|----------|----------|----------|----------|----------|----------|
| <b>PERSONS</b>   |          |          |          |          |          |          |
| <i>Employed</i>  | 6,255.0  | 6,366.0  | 6,576.3  | 6,827.4  | 6,998.2  | 7,219.1  |
| With post-school qualifications                            | 2,654.2  | 2,800.0  | 2,905.9  | 3,067.0  | 3,239.6  | 3,370.2  |
| Degree   | 557.7    | 609.4    | 662.8    | 694.4    | 687.3    | 738.8    |
| Trade qualification or apprenticeship                      | 2,036.1  | 2,129.0  | 2,152.8  | 2,283.0  | 1,217.9  | 1,232.9  |
| Certificate or diploma                                     |          |          |          |          | 1,309.0  | 1,379.2  |
| Other  | 60.5     | 61.6     | 90.3     | 89.6     | 25.4     | 19.3     |
| Without post-school qualifications(b)                      | 3,537.4  | 3,480.5  | 3,585.0  | 3,659.8  | 3,639.6  | 3,727.8  |
| Attended highest level of secondary school available       | 779.7    | 787.6    | 833.3    | 858.2    | 887.4    | 934.8    |
| Did not attend highest level of secondary school available | 2,748.1  | 2,680.4  | 2,745.0  | 2,792.3  | 2,725.0  | 2,756.6  |
| Left at age—   |          |          |          |          |          |          |
| 16 and over  | 932.0    | 931.5    | 1,000.2  | 1,058.8  | 1,064.6  | 1,110.5  |
| 15 and under   | 1,816.1  | 1,748.9  | 1,744.8  | 1,733.5  | 1,660.4  | 1,646.1  |
| Still at school  | 63.3     | 85.5     | 85.3     | 100.5    | 119.0    | 121.1    |
| <i>Unemployed</i>  | 746.7    | 737.8    | 673.6    | 663.3    | 699.6    | 642.8    |
| With post-school qualifications                            | 212.0    | 207.1    | 165.0    | 171.8    | 180.8    | 184.5    |
| Degree   | 29.5     | 33.1     | 23.7     | 27.5     | 25.6     | 27.3     |
| Trade qualification or apprenticeship                      | 175.4    | 167.8    | 131.4    | 130.6    | 65.7     | 62.8     |
| Certificate or diploma                                     |          |          |          |          | 86.2     | 91.1     |
| Other  | 7.1      | 6.2      | 9.9      | 13.7     | *        | *        |
| Without post-school qualifications(b)                      | 509.6    | 499.6    | 476.8    | 455.2    | 476.9    | 417.5    |
| Attended highest level of secondary school available       | 102.3    | 102.0    | 101.5    | 99.6     | 110.7    | 98.2     |
| Did not attend highest level of secondary school available | 404.5    | 394.6    | 374.7    | 353.5    | 362.4    | 313.9    |
| Left at age—   |          |          |          |          |          |          |
| 16 and over  | 158.6    | 151.6    | 145.2    | 133.7    | 146.2    | 133.0    |
| 15 and under   | 246.0    | 243.0    | 229.5    | 219.8    | 216.2    | 180.8    |
| Still at school  | 25.1     | 31.0     | 31.8     | 36.2     | 41.9     | 40.8     |
| <i>Labour force</i>  | 7,001.7  | 7,103.8  | 7,249.9  | 7,490.6  | 7,697.8  | 7,861.9  |
| With post-school qualifications                            | 2,866.2  | 3,007.0  | 3,070.9  | 3,238.9  | 3,420.4  | 3,554.7  |
| Degree   | 587.1    | 642.6    | 686.4    | 721.9    | 712.9    | 766.1    |
| Trade qualification or apprenticeship                      | 2,211.6  | 2,296.8  | 2,284.2  | 2,413.7  | 1,283.6  | 1,295.7  |
| Certificate or diploma                                     |          |          |          |          | 1,395.2  | 1,470.3  |
| Other  | 67.5     | 67.6     | 100.3    | 103.3    | 28.7     | 22.6     |
| Without post-school qualifications(b)                      | 4,047.1  | 3,980.2  | 4,061.9  | 4,115.1  | 4,116.5  | 4,145.3  |
| Attended highest level of secondary school available       | 882.2    | 889.6    | 934.8    | 957.8    | 998.1    | 1,033.0  |
| Did not attend highest level of secondary school available | 3,152.6  | 3,075.0  | 3,119.6  | 3,145.7  | 3,087.5  | 3,070.5  |
| Left at age—   |          |          |          |          |          |          |
| 16 and over  | 1,090.5  | 1,083.1  | 1,145.4  | 1,192.5  | 1,210.9  | 1,243.6  |
| 15 and under   | 2,062.1  | 1,992.0  | 1,974.2  | 1,953.2  | 1,876.6  | 1,826.9  |
| Still at school  | 88.4     | 116.6    | 117.1    | 136.7    | 160.9    | 161.9    |
| <i>Not in labour force</i>                                 | 4,261.6  | 4,384.7  | 4,446.2  | 4,610.4  | 4,673.9  | 4,761.3  |
| With post-school qualifications                            | 836.7    | 930.1    | 904.6    | 974.5    | 1,106.9  | 1,130.1  |
| Degree   | 105.9    | 120.9    | 130.0    | 142.8    | 138.2    | 136.7    |
| Trade qualification or apprenticeship                      | 698.3    | 777.2    | 738.6    | 787.6    | 368.0    | 379.7    |
| Certificate or diploma                                     |          |          |          |          | 585.9    | 597.4    |
| Other  | 32.6     | 32.0     | 36.0     | 44.1     | 14.8     | 16.3     |
| Without post-school qualifications(b)                      | 3,099.9  | 3,104.7  | 3,189.6  | 3,274.9  | 3,170.6  | 3,206.6  |
| Attended highest level of secondary school available       | 390.1    | 385.5    | 394.0    | 416.9    | 397.5    | 413.1    |
| Did not attend highest level of secondary school available | 2,668.7  | 2,685.6  | 2,751.8  | 2,821.1  | 2,720.6  | 2,744.5  |
| Left at age—   |          |          |          |          |          |          |
| 16 and over  | 465.8    | 489.7    | 520.1    | 532.0    | 524.6    | 541.6    |
| 15 and under   | 2,202.9  | 2,195.9  | 2,231.7  | 2,289.1  | 2,196.0  | 2,202.9  |
| Still at school  | 325.0    | 349.8    | 352.0    | 361.0    | 396.4    | 424.6    |
| <i>All persons</i>   | 11,263.4 | 11,488.4 | 11,696.1 | 12,101.1 | 12,371.7 | 12,623.2 |
| With post-school qualifications                            | 3,702.9  | 3,937.1  | 3,975.5  | 4,213.4  | 4,527.3  | 4,684.8  |
| Degree   | 693.0    | 763.5    | 816.4    | 864.8    | 851.1    | 902.8    |
| Trade qualification or apprenticeship                      | 2,909.8  | 3,074.0  | 3,022.8  | 3,201.3  | 1,651.6  | 1,675.4  |
| Certificate or diploma                                     |          |          |          |          | 1,981.1  | 2,067.7  |
| Other  | 100.2    | 99.6     | 136.3    | 147.3    | 43.4     | 39.0     |
| Without post-school qualifications(b)                      | 7,147.0  | 7,084.8  | 7,251.5  | 7,389.9  | 7,287.2  | 7,351.8  |
| Attended highest level of secondary school available       | 1,272.3  | 1,275.1  | 1,328.8  | 1,374.8  | 1,395.6  | 1,446.1  |
| Did not attend highest level of secondary school available | 5,821.3  | 5,760.6  | 5,871.4  | 5,966.9  | 5,808.1  | 5,815.0  |
| Left at age—   |          |          |          |          |          |          |
| 16 and over  | 1,556.3  | 1,572.7  | 1,665.5  | 1,724.5  | 1,735.5  | 1,785.2  |
| 15 and under   | 4,264.9  | 4,187.8  | 4,205.9  | 4,242.4  | 4,072.6  | 4,029.8  |
| Still at school  | 413.5    | 466.5    | 469.2    | 497.8    | 557.3    | 586.6    |

(a) Prior to February 1987 the data now published in the Educational Attainment categories 'Trade qualification or apprenticeship' and 'Certificate or diploma' was published as 'Trade, technical or other certificate'. See paragraph 14 of the Explanatory Notes, Appendix B. (b) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.

**TABLE 2. ALL PERSONS: AGE AND EDUCATIONAL ATTAINMENT,  
FEBRUARY 1983 TO FEBRUARY 1988**  
( ' 000)

|  | 1983           | 1984           | 1985           | 1986           | 1987(a)        | 1988(a)        |
|--|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>MALES</b>   |                |                |                |                |                |                |
| <b>15-24</b>   | <b>1,301.1</b> | <b>1,294.8</b> | <b>1,300.5</b> | <b>1,336.0</b> | <b>1,356.4</b> | <b>1,367.5</b> |
| With post-school qualifications                            | 275.1          | 270.8          | 269.1          | 282.6          | 260.7          | 265.9          |
| Degree   | 41.7           | 41.0           | 41.8           | 34.0           | 44.8           | 36.6           |
| Trade qualification or apprenticeship                      | 223.0          | 220.8          | 216.1          | 233.8          | 161.3          | 163.5          |
| Certificate or diploma                                     |                |                |                |                | 52.1           | 62.6           |
| Other  | 10.4           | 9.0            | 11.3           | 14.8           | *              | *              |
| Without post-school qualifications(b)                      | 823.2          | 784.5          | 797.1          | 802.8          | 810.7          | 815.0          |
| Attended highest level of secondary school available       | 278.2          | 250.5          | 278.6          | 294.6          | 301.0          | 320.6          |
| Did not attend highest level of secondary school available | 545.0          | 533.5          | 518.3          | 507.7          | 507.8          | 492.6          |
| Still at school  | 202.8          | 239.5          | 234.2          | 250.6          | 285.0          | 286.5          |
| <b>25-34</b>   | <b>1,206.3</b> | <b>1,246.8</b> | <b>1,258.5</b> | <b>1,283.6</b> | <b>1,308.0</b> | <b>1,332.1</b> |
| With post-school qualifications                            | 625.7          | 658.9          | 656.9          | 671.5          | 699.2          | 738.6          |
| Degree   | 158.0          | 177.5          | 168.2          | 172.2          | 175.5          | 193.3          |
| Trade qualification or apprenticeship                      | 455.8          | 474.0          | 470.4          | 484.5          | 367.3          | 385.4          |
| Certificate or diploma                                     |                |                |                |                | 151.3          | 156.6          |
| Other  | 12.0           | 7.4            | 18.3           | 14.8           | 5.1            | *              |
| Without post-school qualifications(b)                      | 580.5          | 587.9          | 601.7          | 612.1          | 608.7          | 593.5          |
| Attended highest level of secondary school available       | 155.1          | 165.9          | 170.0          | 167.7          | 185.8          | 179.1          |
| Did not attend highest level of secondary school available | 423.8          | 419.7          | 429.7          | 442.3          | 419.0          | 409.1          |
| <b>35-44</b>   | <b>1,043.6</b> | <b>1,016.2</b> | <b>1,083.2</b> | <b>1,128.1</b> | <b>1,169.8</b> | <b>1,210.5</b> |
| With post-school qualifications                            | 545.4          | 544.7          | 582.6          | 608.7          | 656.3          | 679.4          |
| Degree   | 117.7          | 132.8          | 145.3          | 156.4          | 156.3          | 171.7          |
| Trade qualification or apprenticeship                      | 418.8          | 402.2          | 423.8          | 439.4          | 328.9          | 334.3          |
| Certificate or diploma                                     |                |                |                |                | 168.8          | 172.0          |
| Other  | 9.0            | 9.7            | 13.5           | 12.9           | *              | *              |
| Without post-school qualifications(b)                      | 498.2          | 471.5          | 500.6          | 519.4          | 513.5          | 531.1          |
| Attended highest level of secondary school available       | 85.8           | 80.8           | 93.0           | 94.4           | 95.8           | 105.7          |
| Did not attend highest level of secondary school available | 409.7          | 388.0          | 403.9          | 423.4          | 412.5          | 418.3          |
| <b>45-54</b>   | <b>752.5</b>   | <b>800.2</b>   | <b>779.4</b>   | <b>794.3</b>   | <b>814.6</b>   | <b>836.9</b>   |
| With post-school qualifications                            | 325.3          | 376.9          | 354.9          | 386.8          | 423.1          | 435.2          |
| Degree   | 55.9           | 62.8           | 71.2           | 79.5           | 70.0           | 80.9           |
| Trade qualification or apprenticeship                      | 263.1          | 307.3          | 276.1          | 299.9          | 251.6          | 241.3          |
| Certificate or diploma                                     |                |                |                |                | 100.5          | 112.4          |
| Other  | 6.3            | 6.8            | 7.6            | 7.5            | *              | *              |
| Without post-school qualifications(b)                      | 427.2          | 423.3          | 424.6          | 407.4          | 391.5          | 401.7          |
| Attended highest level of secondary school available       | 50.9           | 43.9           | 46.6           | 48.8           | 41.1           | 45.7           |
| Did not attend highest level of secondary school available | 371.2          | 374.8          | 374.3          | 354.8          | 345.0          | 346.3          |
| <b>55 and over</b>   | <b>1,284.3</b> | <b>1,315.8</b> | <b>1,350.7</b> | <b>1,415.6</b> | <b>1,443.5</b> | <b>1,469.3</b> |
| With post-school qualifications                            | 417.6          | 445.8          | 445.0          | 489.1          | 583.7          | 596.6          |
| Degree   | 70.5           | 78.9           | 78.7           | 84.1           | 85.1           | 84.8           |
| Trade qualification or apprenticeship                      | 340.8          | 361.6          | 357.5          | 396.7          | 358.3          | 367.8          |
| Certificate or diploma                                     |                |                |                |                | 138.1          | 143.1          |
| Other  | 6.3            | 5.2            | 8.9            | 8.3            | *              | *              |
| Without post-school qualifications(b)                      | 866.6          | 870.0          | 905.7          | 926.6          | 859.9          | 872.7          |
| Attended highest level of secondary school available       | 85.3           | 77.6           | 85.0           | 85.8           | 73.2           | 78.1           |
| Did not attend highest level of secondary school available | 770.0          | 783.4          | 810.3          | 831.3          | 772.5          | 778.7          |
| <b>All males</b>   | <b>5,587.7</b> | <b>5,673.7</b> | <b>5,772.4</b> | <b>5,957.7</b> | <b>6,092.3</b> | <b>6,216.2</b> |
| With post-school qualifications                            | 2,189.2        | 2,297.2        | 2,308.5        | 2,438.8        | 2,623.0        | 2,715.7        |
| Degree   | 443.7          | 493.1          | 505.1          | 526.2          | 531.7          | 567.3          |
| Trade qualification or apprenticeship                      | 1,701.4        | 1,765.9        | 1,743.9        | 1,854.4        | 1,467.4        | 1,492.3        |
| Certificate or diploma                                     |                |                |                |                | 610.7          | 646.7          |
| Other  | 44.0           | 38.2           | 59.5           | 58.2           | 13.2           | 9.4            |
| Without post-school qualifications(b)                      | 3,195.7        | 3,137.1        | 3,229.7        | 3,268.3        | 3,184.3        | 3,214.0        |
| Attended highest level of secondary school available       | 655.4          | 618.6          | 673.1          | 691.3          | 696.8          | 729.2          |
| Did not attend highest level of secondary school available | 2,519.8        | 2,499.5        | 2,536.5        | 2,559.5        | 2,456.7        | 2,444.9        |
| Still at school  | 202.8          | 239.5          | 234.2          | 250.6          | 285.0          | 286.5          |

For footnotes see end of table.

**TABLE 2. ALL PERSONS : AGE AND EDUCATIONAL ATTAINMENT,  
FEBRUARY 1983 TO FEBRUARY 1988—continued**  
( ' 000 )

|  | 1983           | 1984           | 1985           | 1986           | 1987(a)        | 1988(a)        |
|--|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>FEMALES</b>   |                |                |                |                |                |                |
| <b>15-24</b>   | <b>1,262.3</b> | <b>1,284.7</b> | <b>1,286.6</b> | <b>1,305.6</b> | <b>1,322.9</b> | <b>1,332.3</b> |
| With post-school qualifications                            | 294.7          | 292.5          | 291.8          | 303.9          | 289.9          | 302.8          |
| Degree   | 36.9           | 36.3           | 42.5           | 44.5           | 41.1           | 42.2           |
| Trade qualification or apprenticeship                      | 246.6          | 243.3          | 231.5          | 241.8          | 24.1           | 27.7           |
| Certificate or diploma                                     |                |                |                |                | 219.6          | 228.2          |
| Other  |                |                |                |                | 5.0            | 4.6            |
| Without post-school qualifications(b)                      | 757.0          | 765.1          | 759.8          | 754.5          | 760.7          | 729.5          |
| Attended highest level of secondary school available       | 246.0          | 252.3          | 257.0          | 274.2          | 288.8          | 291.4          |
| Did not attend highest level of secondary school available | 510.8          | 511.0          | 502.3          | 479.2          | 469.5          | 436.1          |
| Still at school  | 210.7          | 227.0          | 234.9          | 247.2          | 272.3          | 300.0          |
| <b>25-34</b>   | <b>1,218.1</b> | <b>1,248.3</b> | <b>1,263.3</b> | <b>1,281.7</b> | <b>1,308.5</b> | <b>1,335.5</b> |
| With post-school qualifications                            | 474.8          | 527.7          | 524.7          | 546.1          | 574.0          | 602.3          |
| Degree   | 105.7          | 119.0          | 130.3          | 140.2          | 130.1          | 144.2          |
| Trade qualification or apprenticeship                      | 358.2          | 392.2          | 374.9          | 385.4          | 37.8           | 34.2           |
| Certificate or diploma                                     |                |                |                |                | 397.3          | 417.3          |
| Other  |                |                |                |                | 8.8            | 6.6            |
| Without post-school qualifications(b)                      | 743.3          | 720.6          | 738.6          | 735.7          | 734.5          | 733.3          |
| Attended highest level of secondary school available       | 132.5          | 135.5          | 145.1          | 153.9          | 158.9          | 156.1          |
| Did not attend highest level of secondary school available | 608.7          | 582.3          | 591.4          | 580.3          | 569.1          | 571.7          |
| <b>35-44</b>   | <b>1,009.2</b> | <b>1,043.8</b> | <b>1,059.1</b> | <b>1,101.3</b> | <b>1,143.7</b> | <b>1,187.3</b> |
| With post-school qualifications                            | 336.0          | 378.3          | 388.5          | 416.0          | 450.8          | 469.6          |
| Degree   | 60.1           | 65.4           | 75.9           | 83.2           | 85.2           | 88.3           |
| Trade qualification or apprenticeship                      | 260.6          | 300.9          | 293.4          | 310.1          | 42.9           | 37.2           |
| Certificate or diploma                                     |                |                |                |                | 317.1          | 337.3          |
| Other  |                |                |                |                | 5.7            | 6.9            |
| Without post-school qualifications(b)                      | 673.2          | 665.5          | 670.5          | 685.3          | 692.9          | 717.6          |
| Attended highest level of secondary school available       | 76.2           | 85.7           | 83.4           | 86.7           | 89.7           | 101.9          |
| Did not attend highest level of secondary school available | 593.7          | 576.1          | 584.9          | 595.2          | 594.7          | 607.3          |
| <b>45-54</b>   | <b>715.2</b>   | <b>753.9</b>   | <b>749.4</b>   | <b>761.9</b>   | <b>781.2</b>   | <b>803.1</b>   |
| With post-school qualifications                            | 173.8          | 197.4          | 202.0          | 218.2          | 240.7          | 239.1          |
| Degree   | 22.2           | 21.9           | 32.1           | 33.1           | 32.7           | 30.2           |
| Trade qualification or apprenticeship                      | 143.2          | 165.0          | 160.5          | 174.4          | 28.3           | 22.2           |
| Certificate or diploma                                     |                |                |                |                | 176.0          | 182.5          |
| Other  |                |                |                |                | *              | *              |
| Without post-school qualifications(b)                      | 541.5          | 556.5          | 547.4          | 543.6          | 540.5          | 564.1          |
| Attended highest level of secondary school available       | 50.0           | 59.7           | 52.2           | 51.1           | 50.1           | 51.4           |
| Did not attend highest level of secondary school available | 483.0          | 492.1          | 489.8          | 487.4          | 480.2          | 505.1          |
| <b>55 and over</b>   | <b>1,470.9</b> | <b>1,484.1</b> | <b>1,565.3</b> | <b>1,692.9</b> | <b>1,723.1</b> | <b>1,748.7</b> |
| With post-school qualifications                            | 234.5          | 244.1          | 259.9          | 290.4          | 348.8          | 355.4          |
| Degree   | 24.3           | 27.8           | 30.5           | 37.6           | 30.2           | 30.6           |
| Trade qualification or apprenticeship                      | 199.7          | 206.8          | 218.5          | 235.1          | 51.1           | 61.8           |
| Certificate or diploma                                     |                |                |                |                | 260.4          | 255.7          |
| Other  |                |                |                |                | 7.1            | 7.4            |
| Without post-school qualifications(b)                      | 1,236.4        | 1,240.0        | 1,305.3        | 1,402.5        | 1,374.3        | 1,393.4        |
| Attended highest level of secondary school available       | 112.2          | 123.4          | 118.0          | 117.7          | 111.3          | 116.1          |
| Did not attend highest level of secondary school available | 1,105.2        | 1,099.6        | 1,166.5        | 1,265.2        | 1,237.9        | 1,249.9        |
| <b>All females</b>   | <b>5,675.7</b> | <b>5,814.7</b> | <b>5,923.7</b> | <b>6,143.4</b> | <b>6,279.5</b> | <b>6,407.0</b> |
| With post-school qualifications                            | 1,513.7        | 1,640.0        | 1,667.0        | 1,774.6        | 1,904.3        | 1,969.1        |
| Degree   | 249.2          | 270.4          | 311.4          | 338.6          | 319.4          | 335.5          |
| Trade qualification or apprenticeship                      | 1,208.3        | 1,308.1        | 1,278.8        | 1,346.9        | 184.2          | 183.1          |
| Certificate or diploma                                     |                |                |                |                | 1,370.4        | 1,421.0        |
| Other  |                |                |                |                | 30.3           | 29.6           |
| Without post-school qualifications(b)                      | 3,951.3        | 3,947.7        | 4,021.8        | 4,121.6        | 4,102.9        | 4,137.9        |
| Attended highest level of secondary school available       | 616.9          | 656.5          | 655.7          | 683.5          | 698.9          | 716.9          |
| Did not attend highest level of secondary school available | 3,301.5        | 3,261.1        | 3,335.0        | 3,407.4        | 3,351.4        | 3,370.1        |
| Still at school  | 210.7          | 227.0          | 234.9          | 247.2          | 272.3          | 300.0          |

For footnotes see end of table.

**TABLE 2. ALL PERSONS : AGE AND EDUCATIONAL ATTAINMENT,  
FEBRUARY 1983 TO FEBRUARY 1988—continued**  
( ' 000 )

|  | 1983            | 1984            | 1985            | 1986            | 1987(a)         | 1988(a)         |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>PERSONS</b>   |                 |                 |                 |                 |                 |                 |
| <b>15-24</b>   | <b>2,563.4</b>  | <b>2,579.4</b>  | <b>2,587.1</b>  | <b>2,641.6</b>  | <b>2,679.3</b>  | <b>2,699.8</b>  |
| With post-school qualifications                            | 569.7           | 563.4           | 561.0           | 586.5           | 550.6           | 568.7           |
| Degree   | 78.6            | 77.3            | 84.3            | 78.5            | 86.0            | 78.8            |
| Trade qualification or apprenticeship                      | 469.6           | 464.1           | 447.6           | 475.6           | 185.4           | 191.2           |
| Certificate or diploma                                     |                 |                 |                 |                 | 271.7           | 290.8           |
| Other  | 21.5            | 22.0            | 29.1            | 32.4            | 7.5             | 7.9             |
| Without post-school qualifications(b)                      | 1,580.1         | 1,549.6         | 1,557.0         | 1,557.2         | 1,571.4         | 1,544.5         |
| Attended highest level of secondary school available       | 524.2           | 502.8           | 535.6           | 568.8           | 589.8           | 611.9           |
| Did not attend highest level of secondary school available | 1,055.8         | 1,044.5         | 1,020.6         | 986.9           | 977.3           | 928.6           |
| Still at school  | 413.5           | 466.5           | 469.2           | 497.8           | 557.3           | 586.6           |
| <b>25-34</b>   | <b>2,424.3</b>  | <b>2,495.0</b>  | <b>2,521.9</b>  | <b>2,565.3</b>  | <b>2,616.5</b>  | <b>2,667.6</b>  |
| With post-school qualifications                            | 1,100.6         | 1,186.6         | 1,181.6         | 1,217.6         | 1,273.2         | 1,340.9         |
| Degree   | 263.6           | 296.5           | 298.5           | 312.4           | 305.6           | 337.5           |
| Trade qualification or apprenticeship                      | 814.0           | 866.1           | 845.2           | 870.0           | 405.2           | 419.6           |
| Certificate or diploma                                     |                 |                 |                 |                 | 548.6           | 573.9           |
| Other  | 22.9            | 23.9            | 37.8            | 35.3            | 13.9            | 9.9             |
| Without post-school qualifications(b)                      | 1,323.8         | 1,308.5         | 1,340.3         | 1,347.7         | 1,343.2         | 1,326.7         |
| Attended highest level of secondary school available       | 287.6           | 301.4           | 315.1           | 321.6           | 344.7           | 335.3           |
| Did not attend highest level of secondary school available | 1,032.6         | 1,002.0         | 1,021.1         | 1,022.6         | 988.1           | 980.8           |
| <b>35-44</b>   | <b>2,052.8</b>  | <b>2,060.0</b>  | <b>2,142.3</b>  | <b>2,229.4</b>  | <b>2,313.5</b>  | <b>2,397.7</b>  |
| With post-school qualifications                            | 881.4           | 923.0           | 971.2           | 1,024.7         | 1,107.2         | 1,149.0         |
| Degree   | 177.7           | 198.2           | 221.2           | 239.7           | 241.6           | 260.0           |
| Trade qualification or apprenticeship                      | 679.4           | 703.1           | 717.3           | 749.5           | 371.8           | 371.5           |
| Certificate or diploma                                     |                 |                 |                 |                 | 485.8           | 509.3           |
| Other  | 24.3            | 21.7            | 32.7            | 35.5            | 8.0             | 8.2             |
| Without post-school qualifications(b)                      | 1,171.4         | 1,137.0         | 1,171.2         | 1,204.8         | 1,206.4         | 1,248.7         |
| Attended highest level of secondary school available       | 162.1           | 166.5           | 176.4           | 181.1           | 185.5           | 207.7           |
| Did not attend highest level of secondary school available | 1,003.5         | 964.2           | 988.8           | 1,018.6         | 1,007.2         | 1,025.5         |
| <b>45-54</b>   | <b>1,467.7</b>  | <b>1,554.1</b>  | <b>1,528.9</b>  | <b>1,556.2</b>  | <b>1,595.8</b>  | <b>1,640.0</b>  |
| With post-school qualifications                            | 499.1           | 574.3           | 556.9           | 605.1           | 663.8           | 674.2           |
| Degree   | 78.1            | 84.7            | 103.3           | 112.6           | 102.7           | 111.2           |
| Trade qualification or apprenticeship                      | 406.3           | 472.2           | 436.6           | 474.4           | 279.9           | 263.6           |
| Certificate or diploma                                     |                 |                 |                 |                 | 276.5           | 294.9           |
| Other  | 14.7            | 17.4            | 17.0            | 18.2            | 4.7             | 4.7             |
| Without post-school qualifications(b)                      | 968.6           | 979.8           | 972.0           | 951.1           | 932.0           | 965.8           |
| Attended highest level of secondary school available       | 100.9           | 103.5           | 98.7            | 99.9            | 91.2            | 97.0            |
| Did not attend highest level of secondary school available | 854.3           | 866.9           | 864.0           | 842.2           | 825.2           | 851.4           |
| <b>55 and over</b>   | <b>2,755.2</b>  | <b>2,799.9</b>  | <b>2,916.0</b>  | <b>3,108.6</b>  | <b>3,166.7</b>  | <b>3,218.0</b>  |
| With post-school qualifications                            | 652.1           | 689.8           | 704.9           | 779.5           | 932.5           | 952.0           |
| Degree   | 94.8            | 106.7           | 109.2           | 121.7           | 115.3           | 115.3           |
| Trade qualification or apprenticeship                      | 540.5           | 568.5           | 576.0           | 631.8           | 409.4           | 429.6           |
| Certificate or diploma                                     |                 |                 |                 |                 | 398.5           | 398.8           |
| Other  | 16.8            | 14.6            | 19.7            | 26.0            | 9.3             | 8.3             |
| Without post-school qualifications(b)                      | 2,103.0         | 2,110.0         | 2,211.0         | 2,329.0         | 2,234.2         | 2,266.0         |
| Attended highest level of secondary school available       | 197.5           | 201.0           | 203.0           | 203.5           | 184.4           | 194.2           |
| Did not attend highest level of secondary school available | 1,875.2         | 1,883.0         | 1,976.8         | 2,096.6         | 2,010.3         | 2,028.7         |
| <b>All persons</b>   | <b>11,263.4</b> | <b>11,488.4</b> | <b>11,696.1</b> | <b>12,101.1</b> | <b>12,371.7</b> | <b>12,623.2</b> |
| With post-school qualifications                            | 3,702.9         | 3,937.1         | 3,975.5         | 4,213.4         | 4,527.3         | 4,684.8         |
| Degree   | 693.0           | 763.5           | 816.4           | 864.8           | 851.1           | 902.8           |
| Trade qualification or apprenticeship                      | 2,909.8         | 3,074.0         | 3,022.8         | 3,201.3         | 1,651.6         | 1,675.4         |
| Certificate or diploma                                     |                 |                 |                 |                 | 1,981.1         | 2,067.7         |
| Other  | 100.2           | 99.6            | 136.3           | 147.3           | 43.4            | 39.0            |
| Without post-school qualifications(b)                      | 7,147.0         | 7,084.8         | 7,251.5         | 7,389.9         | 7,287.2         | 7,351.8         |
| Attended highest level of secondary school available       | 1,272.3         | 1,275.1         | 1,328.8         | 1,374.8         | 1,395.6         | 1,446.1         |
| Did not attend highest level of secondary school available | 5,821.3         | 5,760.6         | 5,871.4         | 5,966.9         | 5,808.1         | 5,815.0         |
| Still at school  | 413.5           | 466.5           | 469.2           | 497.8           | 557.3           | 586.6           |

(a) Prior to February 1987 the data now published in the Educational Attainment categories 'Trade qualifications or apprenticeship' and 'Certificate or diploma' was published as 'Trade, technical or other certificate'. See paragraph 14 of the Explanatory Notes, Appendix B. (b) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.

TABLE 3. UNEMPLOYED PERSONS : UNEMPLOYMENT RATE, AVERAGE AND MEDIAN DURATION OF UNEMPLOYMENT AND EDUCATIONAL ATTAINMENT, FEBRUARY 1983 TO FEBRUARY 1988

| Educational attainment            |                                       |                        |            |  |  |          |          |
|-----------------------------------|---------------------------------------|------------------------|------------|--|--|----------|----------|
| With post-school qualifications   |                                       |                        |            | Without post-school qualifications                   |  |          |          |
| Degree                            | Trade qualification or apprenticeship | Certificate or diploma | Total(a)   | Attended highest level of secondary school available | Did not attend highest level of secondary school available | Total(b) | Total(c) |
| MALES                             |                                       |                        |            |  |  |          |          |
| Unemployment rate—                |                                       |                        | —per cent— |  |  |          |          |
| 1983                              | 3.6                                   | 7.2                    | 6.5        | 10.8   | 12.8   | 12.4     | 10.0     |
| 1984                              | 4.3                                   | 6.4                    | 5.9        | 11.8   | 12.8   | 12.7     | 9.8      |
| 1985                              | 2.8                                   | 5.2                    | 4.7        | 10.7   | 12.0   | 11.7     | 8.7      |
| 1986                              | 2.7                                   | 4.5                    | 4.3        | 9.7  | 11.2   | 10.9     | 8.1      |
| 1987(d)                           | 3.1                                   | 5.0                    | 4.2        | 4.5  | 10.6   | 12.2     | 11.8     |
| 1988(d)                           | 2.6                                   | 4.6                    | 4.2        | 4.1  | 8.4  | 10.9     | 10.3     |
| Average duration of unemployment— |                                       |                        | —weeks—    |  |  |          |          |
| 1983                              | 20.2                                  | 23.3                   | 23.4       | 24.8   | 37.7   | 35.2     | 31.2     |
| 1984                              | 34.7                                  | 35.3                   | 35.3       | 37.5   | 54.4   | 51.2     | 45.6     |
| 1985                              | 30.6                                  | 42.9                   | 40.3       | 32.7   | 63.5   | 57.4     | 51.9     |
| 1986                              | 36.6                                  | 48.7                   | 47.2       | 35.6   | 65.2   | 59.3     | 54.3     |
| 1987(d)                           | 50.0                                  | 56.5                   | 47.2       | 35.6   | 67.0   | 60.5     | 56.7     |
| 1988(d)                           | 40.1                                  | 48.2                   | 50.1       | 32.3   | 70.7   | 62.7     | 56.1     |
| Median duration of unemployment—  |                                       |                        |            |  |  |          |          |
| 1983                              | 11                                    | 12                     | 12         | 12   | 19   | 17       | 14       |
| 1984                              | 13                                    | 21                     | 19         | 15   | 39   | 32       | 26       |
| 1985                              | 12                                    | 15                     | 14         | 12   | 29   | 26       | 22       |
| 1986                              | 11                                    | 12                     | 12         | 10   | 27   | 24       | 17       |
| 1987(d)                           | 13                                    | 17                     | 26         | 11   | 26   | 24       | 20       |
| 1988(d)                           | 11                                    | 15                     | 13         | 10   | 30   | 24       | 18       |
| FEMALES                           |                                       |                        |            |  |  |          |          |
| Unemployment rate—                |                                       |                        | —per cent— |  |  |          |          |
| 1983                              | 8.0                                   | 9.4                    | 9.2        | 12.9   | 12.9   | 12.9     | 11.8     |
| 1984                              | 7.1                                   | 9.2                    | 8.8        | 11.0   | 12.8   | 12.4     | 11.3     |
| 1985                              | 4.7                                   | 6.7                    | 6.5        | 11.2   | 12.0   | 11.8     | 10.2     |
| 1986                              | 5.8                                   | 7.1                    | 7.2        | 11.4   | 11.2   | 11.3     | 10.0     |
| 1987(d)                           | 4.6                                   | 6.1                    | 7.3        | 6.8  | 11.8   | 11.1     | 9.9      |
| 1988(d)                           | 5.4                                   | 7.6                    | 7.4        | 7.1  | 11.0   | 9.3      | 9.1      |
| Average duration of unemployment— |                                       |                        | —weeks—    |  |  |          |          |
| 1983                              | 23.6                                  | 22.4                   | 23.3       | 24.1   | 36.5   | 33.8     | 30.5     |
| 1984                              | 11.7                                  | 26.6                   | 25.0       | 32.9   | 45.9   | 43.3     | 36.4     |
| 1985                              | 23.0                                  | 27.4                   | 29.4       | 23.7   | 42.5   | 38.5     | 34.6     |
| 1986                              | 12.1                                  | 25.8                   | 23.8       | 21.6   | 34.5   | 31.6     | 28.3     |
| 1987(d)                           | 19.9                                  | 33.2                   | 23.2       | 25.6   | 44.5   | 39.8     | 33.2     |
| 1988(d)                           | 11.1                                  | 47.5                   | 28.5       | 22.5   | 38.3   | 34.5     | 30.9     |
| Median duration of unemployment—  |                                       |                        |            |  |  |          |          |
| 1983                              | 9                                     | 9                      | 9          | 10   | 14   | 13       | 12       |
| 1984                              | 8                                     | 9                      | 9          | 12   | 18   | 16       | 13       |
| 1985                              | 5                                     | 8                      | 9          | 10   | 19   | 14       | 12       |
| 1986                              | 5                                     | 7                      | 7          | 8  | 11   | 10       | 9        |
| 1987(d)                           | 11                                    | 11                     | 8          | 11   | 15   | 13       | 10       |
| 1988(d)                           | 5                                     | 27                     | 8          | 8  | 15   | 12       | 9        |
| PERSONS                           |                                       |                        |            |  |  |          |          |
| Unemployment rate—                |                                       |                        | —per cent— |  |  |          |          |
| 1983                              | 5.0                                   | 7.9                    | 7.4        | 11.6   | 12.8   | 12.6     | 10.7     |
| 1984                              | 5.2                                   | 7.3                    | 6.9        | 11.5   | 12.8   | 12.6     | 10.4     |
| 1985                              | 3.4                                   | 5.8                    | 5.4        | 10.9   | 12.0   | 11.7     | 9.3      |
| 1986                              | 3.8                                   | 5.4                    | 5.3        | 10.4   | 11.2   | 11.1     | 8.9      |
| 1987(d)                           | 3.6                                   | 5.1                    | 6.2        | 5.3  | 11.1   | 11.7     | 9.1      |
| 1988(d)                           | 3.6                                   | 4.8                    | 6.2        | 5.2  | 9.5  | 10.2     | 8.2      |
| Average duration of unemployment— |                                       |                        | —weeks—    |  |  |          |          |
| 1983                              | 22.0                                  | 23.0                   | 23.4       | 24.5   | 37.2   | 34.6     | 30.9     |
| 1984                              | 24.9                                  | 31.6                   | 30.9       | 35.6   | 51.1   | 48.1     | 41.9     |
| 1985                              | 27.0                                  | 36.6                   | 35.7       | 29.0   | 55.0   | 49.7     | 44.6     |
| 1986                              | 23.4                                  | 38.0                   | 35.9       | 29.2   | 52.5   | 47.5     | 42.7     |
| 1987(d)                           | 36.9                                  | 54.5                   | 29.3       | 39.4   | 31.1   | 57.9     | 46.5     |
| 1988(d)                           | 25.1                                  | 48.1                   | 33.9       | 38.1   | 27.5   | 57.9     | 44.8     |
| Median duration of unemployment—  |                                       |                        |            |  |  |          |          |
| 1983                              | 9                                     | 10                     | 11         | 11   | 17   | 16       | 13       |
| 1984                              | 10                                    | 15                     | 13         | 13   | 28   | 26       | 19       |
| 1985                              | 9                                     | 13                     | 12         | 10   | 26   | 20       | 16       |
| 1986                              | 7                                     | 11                     | 10         | 9  | 19   | 15       | 12       |
| 1987(d)                           | 11                                    | 15                     | 10         | 12   | 11   | 24       | 14       |
| 1988(d)                           | 7                                     | 16                     | 8          | 9  | 9  | 24       | 13       |

(a) Includes persons with other post-school qualifications. (b) Includes persons who never attended school and those for whom secondary school qualifications could not be determined. (c) Includes persons still at school. (d) Prior to February 1987 the data now published in the Educational Attainment categories 'Trade qualification or apprenticeship' and 'Certificate or diploma' was published as 'Trade, technical or other certificate'. See paragraph 14 of the Explanatory Notes, Appendix B.



TABLE 4. ALL PERSONS : EDUCATIONAL ATTAINMENT AND LABOUR FORCE STATUS, FEBRUARY 1988

| Educational attainment                                     | Employed  |           |         | Unem-<br>ployed | Labour<br>force | Not in<br>labour<br>force | Total    | Partici-<br>pation<br>rate | Unem-<br>ployment<br>rate |
|--|-----------|-----------|---------|-----------------|-----------------|---------------------------|----------|----------------------------|---------------------------|
|  | Full-time | Part-time | Total   |                 |                 |                           |          |                            |                           |
| - '000 -   |           |           |         |                 |                 |                           |          |                            |                           |
| MALES  |           |           |         |                 |                 |                           |          |                            |                           |
| With post-school qualifications                            | 2,083.9   | 87.3      | 2,171.1 | 93.3            | 2,264.5         | 451.2                     | 2,715.7  | 83.4                       | 4.1                       |
| Degree   | 470.9     | 22.2      | 493.1   | 13.2            | 506.2           | 61.1                      | 567.3    | 89.2                       | 2.6                       |
| Trade qualification or apprenticeship                      | 1,109.6   | 41.0      | 1,150.6 | 56.0            | 1,206.6         | 285.7                     | 1,492.3  | 80.9                       | 4.6                       |
| Certificate or diploma                                     | 497.6     | 23.0      | 520.6   | 22.8            | 543.4           | 103.3                     | 646.7    | 84.0                       | 4.2                       |
| Other  | 5.8       | *         | 6.9     | *               | 8.2             | *                         | 9.4      | 87.9                       | *                         |
| Without post-school qualifications(a)                      | 1,973.3   | 147.0     | 2,120.3 | 242.5           | 2,362.8         | 851.2                     | 3,214.0  | 73.5                       | 10.3                      |
| Attended highest level of secondary school available       | 488.2     | 59.0      | 547.3   | 50.2            | 597.5           | 131.7                     | 729.2    | 81.9                       | 8.4                       |
| Did not attend highest level of secondary school available | 1,465.8   | 85.6      | 1,551.4 | 189.6           | 1,741.0         | 703.9                     | 2,444.9  | 71.2                       | 10.9                      |
| Left at age-   |           |           |         |                 |                 |                           |          |                            |                           |
| 18 and over  | 24.8      | *         | 26.5    | *               | 30.5            | 7.5                       | 38.1     | 80.2                       | *                         |
| 16 or 17   | 547.5     | 30.0      | 577.6   | 74.4            | 651.9           | 102.0                     | 753.9    | 86.5                       | 11.4                      |
| 14 or 15   | 756.9     | 43.9      | 800.7   | 96.7            | 897.4           | 424.0                     | 1,321.4  | 67.9                       | 10.8                      |
| 13 and under   | 136.6     | 10.0      | 146.6   | 14.5            | 161.1           | 170.4                     | 331.5    | 48.6                       | 9.0                       |
| Never attended school                                      | 5.9       | *         | 7.1     | *               | 8.6             | 12.7                      | 21.3     | 40.2                       | *                         |
| Still at school  | *         | 47.7      | 50.0    | 18.8            | 68.8            | 217.7                     | 286.5    | 24.0                       | 27.4                      |
| Total  | 4,059.6   | 281.9     | 4,341.5 | 354.7           | 4,696.1         | 1,520.1                   | 6,216.2  | 75.5                       | 7.6                       |
| FEMALES  |           |           |         |                 |                 |                           |          |                            |                           |
| With post-school qualifications                            | 797.5     | 401.6     | 1,199.1 | 91.2            | 1,290.2         | 678.9                     | 1,969.1  | 65.5                       | 7.1                       |
| Degree   | 190.7     | 55.0      | 245.7   | 14.2            | 259.8           | 75.6                      | 335.5    | 77.5                       | 5.4                       |
| Trade qualification or apprenticeship                      | 51.7      | 30.7      | 82.3    | 6.8             | 89.1            | 94.0                      | 183.1    | 48.7                       | 7.6                       |
| Certificate or diploma                                     | 548.1     | 310.5     | 858.6   | 68.2            | 926.9           | 494.1                     | 1,421.0  | 65.2                       | 7.4                       |
| Other  | 7.1       | 5.4       | 12.4    | *               | 14.4            | 15.2                      | 29.6     | 48.7                       | *                         |
| Without post-school qualifications(a)                      | 995.0     | 612.4     | 1,607.5 | 174.9           | 1,782.4         | 2,355.4                   | 4,137.9  | 43.1                       | 9.8                       |
| Attended highest level of secondary school available       | 261.8     | 125.8     | 387.6   | 48.0            | 435.6           | 281.4                     | 716.9    | 60.8                       | 11.0                      |
| Did not attend highest level of secondary school available | 725.2     | 480.1     | 1,205.2 | 124.3           | 1,329.5         | 2,040.6                   | 3,370.1  | 39.5                       | 9.3                       |
| Left at age-   |           |           |         |                 |                 |                           |          |                            |                           |
| 18 and over  | 13.7      | *         | 17.7    | *               | 19.4            | 15.9                      | 35.3     | 55.0                       | *                         |
| 16 or 17   | 317.9     | 170.9     | 488.9   | 52.9            | 541.7           | 416.1                     | 957.9    | 56.6                       | 9.8                       |
| 14 or 15   | 347.4     | 276.3     | 623.7   | 64.9            | 688.6           | 1,276.1                   | 1,964.7  | 35.0                       | 9.4                       |
| 13 and under   | 46.2      | 28.8      | 75.0    | *               | 79.8            | 332.4                     | 412.2    | 19.3                       | *                         |
| Never attended school                                      | *         | *         | *       | *               | 5.9             | 26.7                      | 32.7     | 18.2                       | *                         |
| Still at school  | *         | 70.3      | 71.1    | 22.0            | 93.1            | 206.9                     | 300.0    | 31.0                       | 23.7                      |
| Total  | 1,793.4   | 1,084.3   | 2,877.7 | 288.1           | 3,165.8         | 3,241.2                   | 6,407.0  | 49.4                       | 9.1                       |
| PERSONS  |           |           |         |                 |                 |                           |          |                            |                           |
| With post-school qualifications                            | 2,881.4   | 488.8     | 3,370.2 | 184.5           | 3,554.7         | 1,130.1                   | 4,684.8  | 75.9                       | 5.2                       |
| Degree   | 661.5     | 77.2      | 738.8   | 27.3            | 766.1           | 136.7                     | 902.8    | 84.9                       | 3.6                       |
| Trade qualification or apprenticeship                      | 1,161.2   | 71.7      | 1,232.9 | 62.8            | 1,295.7         | 379.7                     | 1,675.4  | 77.3                       | 4.8                       |
| Certificate or diploma                                     | 1,045.7   | 333.5     | 1,379.2 | 91.1            | 1,470.3         | 597.4                     | 2,067.7  | 71.1                       | 6.2                       |
| Other  | 12.9      | 6.4       | 19.3    | *               | 22.6            | 16.3                      | 39.0     | 58.1                       | *                         |
| Without post-school qualifications(a)                      | 2,968.4   | 759.4     | 3,727.8 | 417.5           | 4,145.3         | 3,206.6                   | 7,351.8  | 56.4                       | 10.1                      |
| Attended highest level of secondary school available       | 750.1     | 184.8     | 934.8   | 98.2            | 1,033.0         | 413.1                     | 1,446.1  | 71.4                       | 9.5                       |
| Did not attend highest level of secondary school available | 2,191.0   | 565.6     | 2,756.6 | 313.9           | 3,070.5         | 2,744.5                   | 5,815.0  | 52.8                       | 10.2                      |
| Left at age-   |           |           |         |                 |                 |                           |          |                            |                           |
| 18 and over  | 38.4      | 5.7       | 44.1    | 5.8             | 49.9            | 23.4                      | 73.4     | 68.0                       | 11.6                      |
| 16 or 17   | 865.5     | 201.0     | 1,066.4 | 127.2           | 1,193.7         | 518.1                     | 1,711.8  | 69.7                       | 10.7                      |
| 14 or 15   | 1,104.2   | 320.2     | 1,424.4 | 161.6           | 1,586.0         | 1,700.1                   | 3,286.1  | 48.3                       | 10.2                      |
| 13 and under   | 182.9     | 38.8      | 221.6   | 19.2            | 240.9           | 502.9                     | 743.7    | 32.4                       | 8.0                       |
| Never attended school                                      | 8.4       | *         | 11.3    | *               | 14.5            | 39.4                      | 53.9     | 26.9                       | *                         |
| Still at school  | *         | 117.9     | 121.1   | 40.8            | 161.9           | 424.6                     | 586.6    | 27.6                       | 25.2                      |
| Total  | 5,853.0   | 1,366.2   | 7,219.1 | 642.8           | 7,861.9         | 4,761.3                   | 12,623.2 | 62.3                       | 8.2                       |

(a) Includes persons for whom secondary school qualifications could not be determined.

TABLE 5. ALL PERSONS : EDUCATIONAL ATTAINMENT AND FAMILY STATUS, FEBRUARY 1988  
(\*000)

| Educational attainment                                     | Family status                              |                            |                         |                                 |                            |                               |          | Family status not determined | Total |          |
|--|--|----------------------------|-------------------------|---------------------------------|----------------------------|-------------------------------|----------|------------------------------|-------|----------|
|  | Member of a family                         |                            |                         |                                 |                            |                               |          |                              |       |          |
|  | Husband or wife<br>With dependents present | Without dependents present | Not married family head | Full-time student aged 15-24(a) | Other child of family head | Other relative of family head | Total    |                              |       |          |
| MALES  |  |                            |                         |                                 |                            |                               |          |                              |       |          |
| With post-school qualifications(b)                         | 1,103.0                                    | 857.5                      | 45.9                    | *                               | 220.3                      | 20.2                          | 2,251.9  | 375.3                        | 88.5  | 2,715.7  |
| Degree   | 257.6                                      | 142.2                      | 8.3                     | *                               | 38.8                       | *                             | 454.8    | 95.0                         | 17.5  | 567.3    |
| Trade qualification or apprenticeship                      | 570.9                                      | 518.6                      | 26.4                    | *                               | 127.3                      | 9.0                           | 1,253.4  | 187.2                        | 51.7  | 1,492.3  |
| Certificate or diploma                                     | 271.5                                      | 194.5                      | 10.9                    | *                               | 52.7                       | 5.9                           | 536.0    | 91.5                         | 19.2  | 646.7    |
| Without post-school qualifications(c)                      | 866.6                                      | 956.8                      | 64.3                    | 88.5                            | 620.9                      | 66.4                          | 2,663.5  | 432.9                        | 117.6 | 3,214.0  |
| Attended highest level of secondary school available       | 165.3                                      | 129.7                      | 12.4                    | 73.2                            | 193.1                      | 13.5                          | 587.2    | 115.9                        | 26.1  | 729.2    |
| Did not attend highest level of secondary school available | 686.6                                      | 813.8                      | 50.9                    | 15.3                            | 426.5                      | 51.2                          | 2,044.3  | 312.4                        | 88.2  | 2,444.9  |
| Left at age—   |  |                            |                         |                                 |                            |                               |          |                              |       |          |
| 16 and over  | 224.2                                      | 145.7                      | 10.1                    | 11.2                            | 246.0                      | 14.1                          | 651.2    | 110.9                        | 29.8  | 792.0    |
| 14 or 15   | 375.1                                      | 500.2                      | 29.3                    | *                               | 174.9                      | 28.2                          | 1,111.8  | 164.0                        | 45.6  | 1,321.4  |
| 13 and under   | 87.3                                       | 168.0                      | 11.5                    | *                               | 5.6                        | 8.9                           | 281.3    | 37.5                         | 12.8  | 331.5    |
| Still at school  | *  | *                          | *                       | 272.8                           | *                          | *                             | 272.8    | *                            | 12.5  | 286.5    |
| Total  | 1,969.6                                    | 1,814.3                    | 110.2                   | 366.2                           | 841.2                      | 86.6                          | 5,188.1  | 809.4                        | 218.6 | 6,216.2  |
| FEMALES  |  |                            |                         |                                 |                            |                               |          |                              |       |          |
| With post-school qualifications(b)                         | 734.9                                      | 505.4                      | 134.2                   | 9.5                             | 177.1                      | 26.5                          | 1,587.6  | 297.3                        | 84.2  | 1,969.1  |
| Degree   | 127.1                                      | 70.4                       | 20.2                    | *                               | 30.8                       | *                             | 257.0    | 65.9                         | 12.6  | 335.5    |
| Trade qualification or apprenticeship                      | 55.3                                       | 64.8                       | 11.2                    | *                               | 11.2                       | *                             | 146.7    | 29.9                         | 6.5   | 183.1    |
| Certificate or diploma                                     | 542.0                                      | 362.5                      | 99.5                    | 5.0                             | 133.0                      | 17.9                          | 1,160.0  | 196.8                        | 64.2  | 1,421.0  |
| Without post-school qualifications(c)                      | 1,179.6                                    | 1,294.0                    | 346.2                   | 94.4                            | 348.9                      | 111.9                         | 3,375.1  | 628.1                        | 134.7 | 4,137.9  |
| Attended highest level of secondary school available       | 185.8                                      | 150.9                      | 39.7                    | 77.5                            | 125.4                      | 12.1                          | 591.5    | 98.8                         | 26.7  | 716.9    |
| Did not attend highest level of secondary school available | 980.2                                      | 1,126.7                    | 302.1                   | 16.6                            | 222.0                      | 92.9                          | 2,740.4  | 523.4                        | 106.3 | 3,370.1  |
| Left at age—   |  |                            |                         |                                 |                            |                               |          |                              |       |          |
| 16 and over  | 372.6                                      | 231.9                      | 78.4                    | 12.2                            | 126.5                      | 12.4                          | 833.9    | 123.5                        | 35.7  | 993.2    |
| 14 or 15   | 522.4                                      | 721.6                      | 188.9                   | *                               | 92.2                       | 55.5                          | 1,585.0  | 316.9                        | 62.7  | 1,964.7  |
| 13 and under   | 85.2                                       | 173.2                      | 34.8                    | *                               | *                          | 24.9                          | 321.4    | 82.9                         | 7.8   | 412.2    |
| Still at school  | *  | *                          | *                       | 287.8                           | *                          | *                             | 289.1    | *                            | 9.7   | 300.0    |
| Total  | 1,914.5                                    | 1,799.5                    | 480.8                   | 391.6                           | 527.0                      | 138.3                         | 5,251.8  | 926.6                        | 228.6 | 6,407.0  |
| PERSONS  |  |                            |                         |                                 |                            |                               |          |                              |       |          |
| With post-school qualifications(b)                         | 1,837.8                                    | 1,362.9                    | 180.2                   | 14.4                            | 397.4                      | 46.7                          | 3,839.4  | 672.7                        | 172.7 | 4,684.8  |
| Degree   | 384.7                                      | 212.6                      | 28.5                    | 6.9                             | 69.5                       | 9.3                           | 711.7    | 160.9                        | 30.1  | 902.8    |
| Trade qualification or apprenticeship                      | 626.1                                      | 583.4                      | 37.6                    | *                               | 138.5                      | 12.6                          | 1,400.1  | 217.2                        | 58.2  | 1,675.4  |
| Certificate or diploma                                     | 813.6                                      | 557.1                      | 110.4                   | 5.5                             | 185.7                      | 23.8                          | 1,696.0  | 288.3                        | 83.4  | 2,067.7  |
| Without post-school qualifications(c)                      | 2,046.2                                    | 2,250.8                    | 410.5                   | 182.8                           | 969.8                      | 178.2                         | 6,038.5  | 1,061.0                      | 252.3 | 7,351.8  |
| Attended highest level of secondary school available       | 351.1                                      | 280.6                      | 52.1                    | 150.8                           | 318.5                      | 25.6                          | 1,178.6  | 214.7                        | 52.7  | 1,446.1  |
| Did not attend highest level of secondary school available | 1,666.8                                    | 1,940.5                    | 353.0                   | 31.9                            | 648.4                      | 144.1                         | 4,784.7  | 835.8                        | 194.5 | 5,815.0  |
| Left at age—   |  |                            |                         |                                 |                            |                               |          |                              |       |          |
| 16 and over  | 596.8                                      | 377.6                      | 88.5                    | 23.4                            | 372.4                      | 26.5                          | 1,485.2  | 234.5                        | 65.5  | 1,785.2  |
| 14 or 15   | 897.5                                      | 1,221.8                    | 218.2                   | 8.5                             | 267.1                      | 83.7                          | 2,696.8  | 480.9                        | 108.4 | 3,286.1  |
| 13 and under   | 172.5                                      | 341.2                      | 46.3                    | *                               | 8.9                        | 33.9                          | 602.8    | 120.4                        | 20.6  | 743.7    |
| Still at school  | *  | *                          | *                       | 560.5                           | *                          | *                             | 561.9    | *                            | 22.3  | 586.6    |
| Total  | 3,884.1                                    | 3,613.8                    | 591.1                   | 757.8                           | 1,368.3                    | 224.9                         | 10,439.9 | 1,736.0                      | 447.3 | 12,623.2 |

( a ) Excludes persons aged 20 to 24 attending school. ( b ) Includes persons with other post-school qualifications. ( c ) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.

TABLE 6. PERSONS WITH POST-SCHOOL QUALIFICATIONS : MAIN FIELD OF STUDY, AGE AND LABOUR FORCE STATUS, FEBRUARY 1988

| Main field of study                   | Age group |         |         |         |             | Labour force |         | Not in labour force | Total   | Participation rate |
|---------------------------------------|-----------|---------|---------|---------|-------------|--------------|---------|---------------------|---------|--------------------|
|                                       | 15 - 24   | 25 - 34 | 35 - 44 | 45 - 54 | 55 and over | Employed     | Total   |                     |         |                    |
|                                       | - '000 -  |         |         |         |             | - per cent - |         |                     |         |                    |
| MALES                                 |           |         |         |         |             |              |         |                     |         |                    |
| Degree                                | 36.6      | 193.3   | 171.7   | 80.9    | 84.8        | 493.1        | 506.2   | 61.1                | 567.3   | 89.2               |
| Administration(a)                     | 11.7      | 46.6    | 29.9    | 16.3    | 13.9        | 108.1        | 111.1   | 7.4                 | 118.4   | 93.8               |
| Law                                   | *         | 11.5    | 12.2    | *       | 5.3         | 28.0         | 28.3    | *                   | 32.6    | 86.7               |
| Education                             | *         | 20.2    | 16.6    | 7.3     | 9.4         | 45.8         | 47.1    | 7.9                 | 55.0    | 85.7               |
| Medicine                              | *         | 10.6    | 13.7    | 11.3    | 12.0        | 46.2         | 46.7    | *                   | 49.9    | 93.6               |
| Science, computing(b)                 | 8.8       | 47.3    | 38.3    | 15.5    | 10.7        | 105.5        | 107.7   | 12.9                | 120.6   | 89.3               |
| Engineering                           | 5.0       | 23.9    | 29.4    | 13.0    | 17.1        | 73.3         | 74.9    | 13.5                | 88.4    | 84.7               |
| Architecture                          | *         | 7.1     | 5.5     | *       | *           | 17.8         | 18.2    | *                   | 20.5    | 88.6               |
| Social sciences(c)                    | 5.0       | 22.6    | 22.0    | 9.1     | 10.1        | 57.9         | 61.1    | 7.7                 | 68.8    | 88.8               |
| Other                                 | *         | *       | *       | *       | *           | 10.5         | 11.1    | *                   | 13.1    | 85.2               |
| Trade qualification or apprenticeship | 163.5     | 385.4   | 334.3   | 241.3   | 367.8       | 1,150.6      | 1,206.6 | 285.7               | 1,492.3 | 80.9               |
| Metal                                 | 39.8      | 85.7    | 72.4    | 45.1    | 96.7        | 253.1        | 267.5   | 72.2                | 339.7   | 78.8               |
| Service                               | *         | *       | *       | *       | 5.9         | 16.4         | 17.5    | *                   | 21.9    | 79.9               |
| Building                              | 27.8      | 81.4    | 76.7    | 62.8    | 91.0        | 253.3        | 268.8   | 70.9                | 339.7   | 79.1               |
| Electrical                            | 23.5      | 58.0    | 52.8    | 34.2    | 36.6        | 169.4        | 175.4   | 29.7                | 205.0   | 85.5               |
| Food and drink                        | 12.1      | 24.8    | 20.4    | 14.4    | 19.4        | 69.5         | 73.4    | 17.5                | 90.9    | 80.8               |
| Wood and furniture                    | 6.1       | 14.5    | 11.3    | 10.1    | 17.2        | 46.0         | 47.2    | 12.0                | 59.2    | 79.7               |
| Printing and allied                   | *         | 13.1    | 10.8    | 9.5     | 11.7        | 41.3         | 41.5    | 8.0                 | 49.5    | 83.8               |
| Automotive and mechanical             | 34.6      | 70.1    | 57.5    | 34.2    | 45.5        | 193.7        | 202.5   | 39.5                | 242.0   | 83.7               |
| Footwear, clothing and textiles       | *         | *       | *       | 7.3     | 11.7        | 16.7         | 17.4    | 8.7                 | 26.0    | 66.7               |
| Other                                 | 11.1      | 30.7    | 24.7    | 19.7    | 32.1        | 91.1         | 95.5    | 22.8                | 118.3   | 80.7               |
| Certificate or diploma                | 62.6      | 156.6   | 172.0   | 112.4   | 143.1       | 520.6        | 543.4   | 103.3               | 646.7   | 84.0               |
| Secretarial(d)                        | *         | *       | *       | *       | *           | 7.4          | 8.5     | *                   | 10.6    | 80.6               |
| Health(e)                             | *         | 13.2    | 10.8    | 6.4     | 9.3         | 36.5         | 37.2    | 5.7                 | 42.9    | 86.7               |
| Engineering(f)                        | 10.1      | 37.2    | 42.5    | 23.2    | 38.2        | 121.7        | 124.9   | 26.3                | 151.2   | 82.6               |
| Education(g)                          | *         | 17.8    | 17.0    | 15.2    | 9.3         | 50.9         | 52.8    | 9.7                 | 62.5    | 84.5               |
| Business(h)                           | 9.9       | 36.4    | 54.7    | 37.4    | 45.0        | 144.8        | 147.7   | 35.8                | 183.4   | 80.5               |
| Science(i)                            | 15.0      | 22.7    | 20.8    | 13.1    | 15.9        | 74.7         | 78.2    | 9.2                 | 87.4    | 89.4               |
| Social studies(j)                     | *         | *       | *       | *       | *           | 12.4         | 14.9    | *                   | 17.8    | 84.0               |
| Other                                 | 15.3      | 22.3    | 20.3    | 14.0    | 18.9        | 72.2         | 79.3    | 11.6                | 90.9    | 87.2               |
| Total(k)                              | 265.9     | 738.6   | 679.4   | 435.2   | 596.6       | 2,171.1      | 2,264.5 | 451.2               | 2,715.7 | 83.4               |
| FEMALES                               |           |         |         |         |             |              |         |                     |         |                    |
| Degree                                | 42.2      | 144.2   | 88.3    | 30.2    | 30.6        | 245.7        | 259.8   | 75.6                | 335.5   | 77.5               |
| Administration(a)                     | 5.7       | 17.6    | 6.9     | *       | *           | 26.0         | 27.5    | 7.3                 | 34.7    | 79.1               |
| Law                                   | *         | 5.4     | *       | *       | *           | 9.1          | 9.1     | *                   | 10.3    | 88.3               |
| Education                             | 5.4       | 42.4    | 26.2    | 9.9     | 9.5         | 65.7         | 71.1    | 22.3                | 93.4    | 76.1               |
| Medicine                              | *         | 9.7     | 8.7     | *       | *           | 21.6         | 22.6    | 6.7                 | 29.3    | 77.2               |
| Science, computing(b)                 | 10.2      | 23.5    | 11.8    | *       | *           | 36.9         | 38.3    | 11.6                | 49.9    | 76.7               |
| Engineering                           | *         | *       | *       | *       | *           | *            | *       | *                   | *       | *                  |
| Architecture                          | *         | *       | *       | *       | *           | *            | *       | *                   | *       | *                  |
| Social sciences(c)                    | 12.9      | 38.4    | 30.4    | 9.3     | 10.9        | 75.1         | 78.7    | 23.3                | 102.0   | 77.2               |
| Other                                 | *         | 5.0     | *       | *       | *           | 7.1          | 8.5     | *                   | 10.1    | 84.4               |
| Trade qualification or apprenticeship | 27.7      | 34.2    | 37.2    | 22.2    | 61.8        | 82.3         | 89.1    | 94.0                | 183.1   | 48.7               |
| Metal                                 | *         | *       | *       | *       | *           | *            | *       | *                   | *       | *                  |
| Service                               | 13.8      | 21.4    | 25.1    | 6.7     | 15.4        | 46.2         | 48.7    | 33.7                | 82.4    | 59.1               |
| Building                              | *         | *       | *       | *       | *           | *            | *       | *                   | *       | *                  |
| Electrical                            | *         | *       | *       | *       | *           | *            | *       | *                   | *       | *                  |
| Food and drink                        | 5.7       | *       | *       | *       | *           | 9.7          | 11.4    | *                   | 16.1    | 71.0               |
| Wood and furniture                    | *         | *       | *       | *       | *           | *            | *       | *                   | *       | *                  |
| Printing and allied                   | *         | *       | *       | *       | *           | *            | *       | *                   | 6.3     | *                  |
| Automotive and mechanical             | *         | *       | *       | *       | *           | *            | *       | *                   | *       | *                  |
| Footwear, clothing and textiles       | *         | *       | 6.1     | 11.0    | 37.9        | 13.1         | 14.6    | 44.9                | 59.5    | 24.6               |
| Other                                 | *         | *       | *       | *       | *           | 7.1          | 7.4     | 6.8                 | 14.2    | 51.9               |
| Certificate or diploma                | 228.2     | 417.3   | 337.3   | 182.5   | 255.7       | 858.6        | 926.9   | 494.1               | 1,421.0 | 65.2               |
| Secretarial(d)                        | 114.7     | 156.1   | 121.5   | 60.2    | 86.6        | 327.0        | 357.5   | 181.5               | 539.0   | 66.3               |
| Health(e)                             | 41.8      | 119.9   | 93.7    | 54.3    | 75.8        | 234.6        | 245.9   | 139.6               | 385.5   | 63.8               |
| Engineering(f)                        | *         | *       | *       | *       | *           | 6.3          | 6.7     | *                   | 10.4    | 65.0               |
| Education(g)                          | 19.8      | 55.9    | 57.9    | 30.5    | 44.5        | 121.5        | 132.0   | 76.5                | 208.5   | 63.3               |
| Business(h)                           | 12.3      | 28.2    | 24.5    | 14.4    | 16.0        | 62.7         | 67.9    | 27.6                | 95.5    | 71.1               |
| Science(i)                            | *         | 10.5    | *       | *       | *           | 16.7         | 16.8    | 6.2                 | 23.0    | 73.2               |
| Social studies(j)                     | 11.6      | 18.6    | 14.8    | 12.8    | 17.0        | 40.3         | 43.7    | 31.2                | 74.9    | 58.4               |
| Other                                 | 20.7      | 25.1    | 17.9    | 7.4     | 13.1        | 49.5         | 56.2    | 28.0                | 84.2    | 66.8               |
| Total(k)                              | 302.8     | 602.3   | 469.6   | 239.1   | 355.4       | 1,199.1      | 1,290.2 | 678.9               | 1,969.1 | 65.5               |

For footnotes see end of table.

TABLE 6. PERSONS WITH POST-SCHOOL QUALIFICATIONS : MAIN FIELD OF STUDY, AGE AND LABOUR FORCE STATUS, FEBRUARY 1988 -continued

| Main field of study                   | Age group |         |         |         |             | Labour force |         | Not in labour force | Total   | Participation rate |
|---------------------------------------|-----------|---------|---------|---------|-------------|--------------|---------|---------------------|---------|--------------------|
|                                       | 15 - 24   | 25 - 34 | 35 - 44 | 45 - 54 | 55 and over | Employed     | Total   |                     |         |                    |
|                                       | - '000-   |         |         |         |             | - per cent - |         |                     |         |                    |
| PERSONS                               |           |         |         |         |             |              |         |                     |         |                    |
| Degree                                | 78.8      | 337.5   | 260.0   | 111.2   | 115.3       | 738.8        | 766.1   | 136.7               | 902.8   | 84.9               |
| Administration(a)                     | 17.4      | 64.2    | 36.8    | 19.7    | 15.1        | 134.1        | 138.5   | 14.6                | 153.2   | 90.4               |
| Law                                   | *         | 16.8    | 14.1    | *       | 6.0         | 37.1         | 37.4    | 5.5                 | 42.9    | 87.1               |
| Education                             | 7.0       | 62.5    | 42.7    | 17.2    | 18.9        | 111.5        | 118.2   | 30.1                | 148.3   | 79.7               |
| Medicine                              | 5.9       | 20.3    | 22.4    | 14.1    | 16.4        | 67.9         | 69.3    | 9.8                 | 79.2    | 87.6               |
| Science, computing(b)                 | 19.0      | 70.8    | 50.1    | 18.1    | 12.4        | 142.4        | 146.0   | 24.5                | 170.5   | 85.6               |
| Engineering                           | 5.7       | 25.2    | 30.1    | 13.4    | 17.4        | 75.5         | 77.1    | 14.8                | 91.8    | 83.9               |
| Architecture                          | *         | 8.0     | 6.0     | *       | *           | 19.7         | 20.2    | *                   | 22.9    | 88.0               |
| Social sciences(c)                    | 17.8      | 61.0    | 52.4    | 18.5    | 21.0        | 133.0        | 139.7   | 31.0                | 170.7   | 81.9               |
| Other                                 | *         | 8.6     | 5.3     | *       | *           | 17.7         | 19.7    | *                   | 23.2    | 84.9               |
| Trade qualification or apprenticeship | 191.2     | 419.6   | 371.5   | 263.6   | 429.6       | 1,232.9      | 1,295.7 | 379.7               | 1,675.4 | 77.3               |
| Metal                                 | 39.8      | 86.7    | 72.4    | 45.1    | 97.0        | 253.8        | 268.3   | 72.7                | 341.1   | 78.7               |
| Service                               | 16.4      | 26.3    | 29.5    | 10.7    | 21.3        | 62.6         | 66.1    | 38.1                | 104.2   | 63.4               |
| Building                              | 28.1      | 81.4    | 77.0    | 63.5    | 91.0        | 254.6        | 270.0   | 70.9                | 340.9   | 79.2               |
| Electrical                            | 23.6      | 58.4    | 53.0    | 34.2    | 37.1        | 170.1        | 176.1   | 30.2                | 206.3   | 85.3               |
| Food and drink                        | 17.8      | 29.2    | 22.6    | 14.9    | 22.5        | 79.2         | 84.9    | 22.2                | 107.0   | 79.3               |
| Wood and furniture                    | 6.1       | 14.5    | 11.3    | 10.1    | 17.2        | 46.0         | 47.2    | 12.0                | 59.2    | 79.7               |
| Printing and allied                   | 6.2       | 14.5    | 11.8    | 11.2    | 12.2        | 44.6         | 45.4    | 10.4                | 55.8    | 81.3               |
| Automotive and mechanical             | 34.6      | 70.1    | 57.5    | 34.6    | 45.9        | 194.0        | 202.9   | 39.9                | 242.8   | 83.6               |
| Footwear, clothing and textiles       | *         | *       | 9.4     | 18.3    | 49.6        | 29.9         | 32.0    | 53.6                | 85.6    | 37.4               |
| Other                                 | 15.1      | 33.8    | 26.9    | 20.9    | 35.8        | 98.3         | 102.9   | 29.7                | 132.5   | 77.6               |
| Certificate or diploma                | 290.8     | 573.9   | 509.3   | 294.9   | 398.8       | 1,379.2      | 1,470.3 | 597.4               | 2,067.7 | 71.1               |
| Secretarial(d)                        | 117.9     | 158.3   | 122.5   | 60.9    | 89.9        | 334.4        | 366.1   | 183.6               | 549.6   | 66.6               |
| Health(e)                             | 44.9      | 133.1   | 104.5   | 60.7    | 85.1        | 271.1        | 283.1   | 145.3               | 428.4   | 66.1               |
| Engineering(f)                        | 12.7      | 40.1    | 45.2    | 23.9    | 39.6        | 128.0        | 131.6   | 29.9                | 161.6   | 81.5               |
| Education(g)                          | 23.0      | 73.7    | 74.9    | 45.7    | 53.7        | 172.4        | 184.8   | 86.2                | 271.0   | 68.2               |
| Business(h)                           | 22.2      | 64.7    | 79.2    | 51.8    | 61.0        | 207.4        | 215.6   | 63.4                | 278.9   | 77.3               |
| Science(i)                            | 19.6      | 33.2    | 25.0    | 15.3    | 17.3        | 91.4         | 95.0    | 15.4                | 110.4   | 86.1               |
| Social studies(j)                     | 14.5      | 23.4    | 19.7    | 15.1    | 20.1        | 52.8         | 58.6    | 34.0                | 92.6    | 63.3               |
| Other                                 | 36.0      | 47.4    | 38.3    | 21.4    | 32.0        | 121.7        | 135.5   | 39.6                | 175.1   | 77.4               |
| Total(k)                              | 568.7     | 1,340.9 | 1,149.0 | 674.2   | 952.0       | 3,370.2      | 3,554.7 | 1,130.1             | 4,684.8 | 75.9               |

( a ) Includes business studies and commerce. ( b ) Includes mathematics, veterinary and agricultural science. ( c ) Includes arts and humanities. ( d ) Includes typing and data processing. ( e ) Includes nursing, para-medical and other health. ( f ) Includes communication, transport and architecture. ( g ) Includes teacher training. ( h ) Includes commerce and administration. ( i ) Includes computing and agriculture. ( j ) Includes arts and crafts. ( k ) Includes persons with other post- school qualifications.

TABLE 7. EMPLOYED PERSONS : INDUSTRY AND EDUCATIONAL ATTAINMENT, FEBRUARY 1988 ('000)

| Industry                                   | Educational attainment          |                                       |                        |          |  |   |          |              |         | Total(b) | Total(c) |
|--|---------------------------------|---------------------------------------|------------------------|----------|--|---|----------|--------------|---------|----------|----------|
|  | With post-school qualifications |                                       |                        |          | Without post-school qualifications                   |   |          |              |         |          |          |
|  | Degree                          | Trade qualification or apprenticeship | Certificate or diploma | Total(a) | Attended highest level of secondary school available | Did not attend highest level of secondary school available and left at age— |          |              |         |          |          |
|  |                                 |                                       |                        |          |  | 16 and over   | 14 or 15 | 13 and under |         |          |          |
| MALES                                      |                                 |                                       |                        |          |  |   |          |              |         |          |          |
| Agriculture, forestry, fishing and hunting | 7.6                             | 33.9                                  | 34.1                   | 76.7     | 35.0   | 43.9  | 109.5    | 26.9         | 217.7   | 296.8    |          |
| Mining                                     | 11.2                            | 30.4                                  | 8.8                    | 50.5     | 6.6  | 10.2  | 23.6     | *            | 42.2    | 92.7     |          |
| Manufacturing                              | 48.7                            | 309.5                                 | 71.6                   | 430.7    | 81.0   | 130.9   | 168.3    | 39.1         | 422.2   | 856.4    |          |
| Electricity, gas and water                 | 9.6                             | 43.1                                  | 20.5                   | 73.2     | 8.1  | 14.2  | 21.6     | 5.0          | 50.0    | 123.2    |          |
| Construction                               | 15.3                            | 222.2                                 | 26.8                   | 265.4    | 32.9   | 53.8  | 66.1     | 16.6         | 170.8   | 436.9    |          |
| Wholesale and retail trade                 | 41.0                            | 235.6                                 | 67.2                   | 344.9    | 123.9  | 151.9   | 143.5    | 17.1         | 439.0   | 820.0    |          |
| Transport and storage                      | 9.8                             | 73.4                                  | 35.2                   | 118.7    | 41.3   | 49.3  | 92.4     | 14.5         | 199.3   | 318.7    |          |
| Communication                              | 9.6                             | 26.1                                  | 13.5                   | 49.4     | 15.7   | 13.8  | 14.5     | *            | 49.6    | 99.1     |          |
| Finance, property and business services    | 110.5                           | 41.3                                  | 82.5                   | 235.3    | 86.3   | 44.2  | 37.5     | *            | 174.0   | 410.8    |          |
| Public administration and defence          | 51.0                            | 29.3                                  | 31.6                   | 112.0    | 35.6   | 28.2  | 37.8     | 5.8          | 109.1   | 221.1    |          |
| Community services                         | 163.5                           | 57.7                                  | 99.0                   | 320.9    | 33.2   | 28.3  | 38.8     | 5.4          | 108.4   | 431.0    |          |
| Recreation, personal and other services    | 15.3                            | 48.1                                  | 29.9                   | 93.4     | 47.7   | 35.2  | 47.1     | 5.9          | 138.1   | 234.8    |          |
| Total                                      | 493.1                           | 1,150.6                               | 520.6                  | 2,171.1  | 547.3  | 604.0   | 800.7    | 146.6        | 2,120.3 | 4,341.5  |          |
| FEMALES                                    |                                 |                                       |                        |          |  |   |          |              |         |          |          |
| Agriculture, forestry, fishing and hunting | 5.3                             | *                                     | 30.7                   | 39.9     | 11.8   | 25.4  | 41.0     | 6.6          | 86.2    | 130.1    |          |
| Mining                                     | *                               | *                                     | *                      | *        | *  | *   | *        | *            | *       | 9.2      |          |
| Manufacturing                              | 10.8                            | 9.2                                   | 65.7                   | 87.5     | 40.0   | 65.9  | 99.4     | 29.5         | 235.6   | 325.3    |          |
| Electricity, gas and water                 | *                               | *                                     | *                      | 5.1      | *  | *   | *        | *            | 11.2    | 16.3     |          |
| Construction                               | *                               | *                                     | 18.6                   | 23.6     | 6.7  | 16.1  | 18.3     | *            | 42.9    | 66.5     |          |
| Wholesale and retail trade                 | 20.7                            | 17.2                                  | 127.5                  | 170.4    | 104.0  | 143.6   | 175.1    | 10.5         | 436.5   | 662.3    |          |
| Transport and storage                      | *                               | *                                     | 21.5                   | 28.8     | 14.1   | 17.7  | 15.6     | *            | 47.9    | 77.5     |          |
| Communication                              | *                               | *                                     | 9.0                    | 11.1     | 7.0  | 7.9   | 8.9      | *            | 25.5    | 36.7     |          |
| Finance, property and business services    | 31.0                            | *                                     | 118.8                  | 153.6    | 73.3   | 73.4  | 59.9     | *            | 212.0   | 366.7    |          |
| Public administration and defence          | 18.4                            | *                                     | 36.4                   | 55.8     | 24.2   | 17.7  | 19.3     | *            | 64.6    | 120.4    |          |
| Community services                         | 139.5                           | 10.1                                  | 363.9                  | 514.5    | 63.0   | 78.2  | 107.3    | 13.0         | 263.9   | 780.0    |          |
| Recreation, personal and other services    | 11.7                            | 32.6                                  | 58.2                   | 104.0    | 39.3   | 54.8  | 74.2     | 7.1          | 176.7   | 286.7    |          |
| Total                                      | 245.7                           | 82.3                                  | 858.6                  | 1,199.1  | 387.6  | 506.5   | 623.7    | 75.0         | 1,607.5 | 2,877.7  |          |
| PERSONS                                    |                                 |                                       |                        |          |  |   |          |              |         |          |          |
| Agriculture, forestry, fishing and hunting | 13.0                            | 36.7                                  | 64.8                   | 116.7    | 46.8   | 69.2  | 150.5    | 33.5         | 303.9   | 426.9    |          |
| Mining                                     | 11.2                            | 30.6                                  | 13.3                   | 55.3     | 7.9  | 11.5  | 25.4     | *            | 46.6    | 101.9    |          |
| Manufacturing                              | 59.5                            | 318.7                                 | 137.3                  | 518.2    | 121.0  | 196.8   | 267.7    | 68.6         | 657.8   | 1,181.7  |          |
| Electricity, gas and water                 | 10.1                            | 43.8                                  | 24.4                   | 78.3     | 11.0   | 18.9  | 24.5     | 5.3          | 61.2    | 139.5    |          |
| Construction                               | 16.7                            | 225.5                                 | 45.4                   | 289.0    | 39.6   | 69.9  | 84.4     | 18.1         | 213.7   | 503.4    |          |
| Wholesale and retail trade                 | 61.7                            | 252.8                                 | 194.7                  | 515.3    | 227.9  | 295.5   | 318.7    | 27.6         | 875.5   | 1,482.3  |          |
| Transport and storage                      | 14.7                            | 75.2                                  | 56.7                   | 147.5    | 55.4   | 67.0  | 108.0    | 14.6         | 247.2   | 396.2    |          |
| Communication                              | 11.1                            | 26.5                                  | 22.4                   | 60.5     | 22.7   | 21.7  | 23.4     | *            | 75.1    | 135.7    |          |
| Finance, property and business services    | 141.5                           | 44.5                                  | 201.3                  | 388.9    | 159.6  | 117.6   | 97.4     | 8.9          | 386.0   | 777.5    |          |
| Public administration and defence          | 69.4                            | 30.0                                  | 68.0                   | 167.8    | 59.8   | 45.9  | 57.1     | 7.3          | 173.8   | 341.5    |          |
| Community services                         | 303.0                           | 67.8                                  | 462.9                  | 835.4    | 96.2   | 106.4   | 146.1    | 18.4         | 372.3   | 1,211.0  |          |
| Recreation, personal and other services    | 27.0                            | 80.7                                  | 88.1                   | 197.4    | 87.0   | 90.0  | 121.3    | 13.0         | 314.8   | 521.6    |          |
| Total                                      | 738.8                           | 1,232.9                               | 1,379.2                | 3,370.2  | 934.8  | 1,110.5   | 1,424.4  | 221.6        | 3,727.8 | 7,219.1  |          |

(a) Includes persons with other post-school qualifications. (b) Includes persons who never attended school and those for whom secondary school qualifications could not be determined. (c) Includes persons still at school.

TABLE 8. EMPLOYED PERSONS : EDUCATIONAL ATTAINMENT AND OCCUPATION, FEBRUARY 1988 ('000)

| Educational attainment                                     | Occupation                  |               |                    |               |         |   |  |                               | Total   |
|--|-----------------------------|---------------|--------------------|---------------|---------|---|--|-------------------------------|---------|
|  | Managers and administrators | Professionals | Para-professionals | Tradespersons | Clerks  | Salespersons and personal service workers | Plant and machine operators, and drivers | Labourers and related workers |         |
| MALES  |                             |               |                    |               |         |   |  |                               |         |
| With post-school qualifications(a)                         | 286.3                       | 488.3         | 161.2              | 676.5         | 95.6    | 142.1                                     | 143.4                                    | 177.8                         | 2,171.1 |
| Degree   | 75.5                        | 330.6         | 14.9               | 9.2           | 24.4    | 25.0                                      | *  | 8.5                           | 493.1   |
| Trade qualification or apprenticeship                      | 110.5                       | 30.6          | 67.7               | 621.8         | 26.4    | 62.6                                      | 104.4                                    | 126.5                         | 1,150.6 |
| Certificate or diploma                                     | 99.7                        | 127.0         | 78.5               | 44.6          | 43.4    | 53.6                                      | 32.9                                     | 40.7                          | 520.6   |
| Without post-school qualifications(b)                      | 325.2                       | 61.0          | 76.1               | 347.2         | 221.2   | 226.6                                     | 332.5                                    | 530.6                         | 2,120.3 |
| Attended highest level of secondary school available       | 84.7                        | 37.4          | 33.8               | 59.3          | 108.7   | 89.0                                      | 44.0                                     | 90.4                          | 547.3   |
| Did not attend highest level of secondary school available | 234.5                       | 22.0          | 40.9               | 286.4         | 110.8   | 136.0                                     | 287.6                                    | 433.1                         | 1,551.4 |
| Left at age—   |                             |               |                    |               |         |   |  |                               |         |
| 16 and over  | 77.9                        | 11.4          | 21.4               | 139.0         | 59.3    | 69.3                                      | 80.5                                     | 145.2                         | 604.0   |
| 14 or 15   | 126.5                       | 9.8           | 19.1               | 121.0         | 50.0    | 62.9                                      | 175.2                                    | 236.3                         | 800.7   |
| 13 and under   | 30.2                        | *             | *                  | 26.3          | *       | *   | 32.0                                     | 51.6                          | 146.6   |
| Still at school  | *                           | *             | *                  | *             | *       | 16.2                                      | *  | 30.5                          | 50.0    |
| Total  | 612.2                       | 549.3         | 237.3              | 1,023.8       | 318.3   | 385.0                                     | 476.8                                    | 738.8                         | 4,341.5 |
| FEMALES  |                             |               |                    |               |         |   |  |                               |         |
| With post-school qualifications(a)                         | 82.5                        | 298.4         | 145.6              | 46.2          | 377.8   | 173.3                                     | 14.6                                     | 60.6                          | 1,199.1 |
| Degree   | 18.4                        | 167.6         | 9.3                | *             | 30.0    | 13.3                                      | *  | 5.0                           | 245.7   |
| Trade qualification or apprenticeship                      | 6.1                         | *             | *                  | 29.9          | 15.2    | 15.1                                      | *  | 9.7                           | 82.3    |
| Certificate or diploma                                     | 56.2                        | 127.6         | 135.4              | 14.2          | 330.1   | 140.6                                     | 11.2                                     | 43.3                          | 858.6   |
| Without post-school qualifications(b)                      | 114.4                       | 32.5          | 28.1               | 63.1          | 564.7   | 396.4                                     | 80.0                                     | 328.3                         | 1,607.5 |
| Attended highest level of secondary school available       | 21.5                        | 16.1          | 15.3               | 10.5          | 162.6   | 111.8                                     | 9.3                                      | 40.4                          | 387.6   |
| Did not attend highest level of secondary school available | 90.7                        | 16.4          | 12.1               | 52.2          | 394.8   | 282.6                                     | 70.3                                     | 286.0                         | 1,205.2 |
| Left at age—   |                             |               |                    |               |         |   |  |                               |         |
| 16 and over  | 36.7                        | 7.5           | 5.6                | 21.8          | 202.5   | 133.5                                     | 22.5                                     | 76.4                          | 506.5   |
| 14 or 15   | 46.2                        | 8.1           | 6.5                | 26.7          | 186.5   | 143.1                                     | 32.6                                     | 173.9                         | 623.7   |
| 13 and under   | 7.7                         | *             | *                  | *             | 5.8     | 6.0                                       | 15.3                                     | 35.8                          | 75.0    |
| Still at school  | *                           | *             | *                  | *             | *       | 56.4                                      | *  | 11.0                          | 71.1    |
| Total  | 196.9                       | 331.2         | 173.8              | 110.0         | 945.3   | 626.0                                     | 94.6                                     | 399.9                         | 2,877.7 |
| PERSONS  |                             |               |                    |               |         |   |  |                               |         |
| With post-school qualifications(a)                         | 368.8                       | 786.7         | 306.8              | 722.7         | 473.4   | 315.4                                     | 158.1                                    | 238.4                         | 3,370.2 |
| Degree   | 93.9                        | 498.2         | 24.2               | 10.5          | 54.4    | 38.4                                      | 5.6                                      | 13.6                          | 738.8   |
| Trade qualification or apprenticeship                      | 116.6                       | 33.3          | 68.7               | 651.7         | 41.7    | 77.8                                      | 107.0                                    | 136.2                         | 1,232.9 |
| Certificate or diploma                                     | 155.9                       | 254.7         | 213.9              | 58.8          | 373.5   | 194.2                                     | 44.1                                     | 84.0                          | 1,379.2 |
| Without post-school qualifications(b)                      | 439.6                       | 93.5          | 104.2              | 410.3         | 785.9   | 622.9                                     | 412.5                                    | 858.9                         | 3,727.8 |
| Attended highest level of secondary school available       | 106.2                       | 53.5          | 49.1               | 69.8          | 271.4   | 200.8                                     | 53.3                                     | 130.7                         | 934.8   |
| Did not attend highest level of secondary school available | 325.2                       | 38.4          | 53.1               | 338.6         | 505.6   | 418.6                                     | 358.0                                    | 719.2                         | 2,756.6 |
| Left at age—   |                             |               |                    |               |         |   |  |                               |         |
| 16 and over  | 114.6                       | 18.9          | 27.0               | 160.9         | 261.8   | 202.8                                     | 102.9                                    | 221.6                         | 1,110.5 |
| 14 or 15   | 172.7                       | 18.0          | 25.6               | 147.7         | 236.5   | 206.0                                     | 207.8                                    | 410.2                         | 1,424.4 |
| 13 and under   | 37.9                        | *             | *                  | 30.0          | 7.4     | 9.7                                       | 47.3                                     | 87.4                          | 221.6   |
| Still at school  | *                           | *             | *                  | *             | *       | 72.6                                      | *  | 41.5                          | 121.1   |
| Total  | 809.1                       | 880.5         | 411.1              | 1,133.8       | 1,263.5 | 1,010.9                                   | 571.4                                    | 1,138.7                       | 7,219.1 |

( a ) Includes persons with other post-school qualifications. ( b ) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.

TABLE 9. EMPLOYED PERSONS : EDUCATIONAL ATTAINMENT AND AGE , FEBRUARY 1988  
( '000 )

| Educational attainment                                     | Age group |         |         |         |         |             | Total   | -per cent- |
|--|-----------|---------|---------|---------|---------|-------------|---------|------------|
|  | 15 - 19   | 20 - 24 | 25 - 34 | 35 - 44 | 45 - 54 | 55 and over |         |            |
|  | --'000--  |         |         |         |         |             |         |            |
| MALES  |           |         |         |         |         |             |         |            |
| With post-school qualifications(a)                         | 18.4      | 220.1   | 689.4   | 634.1   | 383.9   | 225.3       | 2,171.1 | 50.0       |
| Degree   | *         | 31.1    | 182.1   | 161.4   | 76.3    | 42.1        | 493.1   | 11.4       |
| Trade qualification or apprenticeship                      | 10.7      | 140.8   | 359.3   | 308.2   | 203.8   | 127.8       | 1,150.6 | 26.5       |
| Certificate or diploma                                     | 6.6       | 46.8    | 145.5   | 163.1   | 103.2   | 55.4        | 520.6   | 12.0       |
| Without post-school qualifications(b)                      | 280.4     | 311.1   | 498.4   | 458.6   | 315.9   | 256.0       | 2,120.3 | 48.8       |
| Attended highest level of secondary school available       | 89.4      | 139.0   | 158.4   | 93.6    | 39.9    | 26.9        | 547.3   | 12.6       |
| Did not attend highest level of secondary school available | 190.6     | 171.9   | 336.4   | 359.2   | 269.9   | 223.4       | 1,551.4 | 35.7       |
| Left at age--  |           |         |         |         |         |             |         |            |
| 16 and over  | 120.1     | 111.7   | 171.6   | 121.9   | 50.0    | 28.7        | 604.0   | 13.9       |
| 14 or 15   | 70.0      | 58.9    | 154.7   | 200.6   | 177.8   | 138.7       | 800.7   | 18.4       |
| 13 and under   | *         | *       | 10.0    | 36.6    | 42.1    | 56.0        | 146.6   | 3.4        |
| Still at school  | 50.0      | *       | ..      | ..      | ..      | ..          | 50.0    | 1.2        |
| Total  | 348.7     | 531.2   | 1,187.7 | 1,092.7 | 699.8   | 481.4       | 4,341.5 | 100.0      |
| FEMALES  |           |         |         |         |         |             |         |            |
| With post-school qualifications(a)                         | 41.1      | 198.1   | 401.5   | 331.6   | 163.0   | 63.8        | 1,199.1 | 41.7       |
| Degree   | *         | 33.8    | 109.3   | 68.2    | 25.6    | 8.7         | 245.7   | 8.5        |
| Trade qualification or apprenticeship                      | *         | 16.2    | 21.1    | 23.1    | 10.9    | 7.2         | 82.3    | 2.9        |
| Certificate or diploma                                     | 36.9      | 145.6   | 267.6   | 236.1   | 124.8   | 47.7        | 858.6   | 29.8       |
| Without post-school qualifications(b)                      | 205.0     | 257.3   | 360.2   | 409.0   | 261.8   | 114.2       | 1,607.5 | 55.9       |
| Attended highest level of secondary school available       | 86.0      | 109.4   | 90.1    | 60.6    | 28.8    | 12.7        | 387.6   | 13.5       |
| Did not attend highest level of secondary school available | 118.8     | 147.0   | 267.5   | 343.8   | 229.6   | 98.6        | 1,205.2 | 41.9       |
| Left at age--  |           |         |         |         |         |             |         |            |
| 16 and over  | 70.9      | 102.7   | 147.2   | 114.4   | 51.7    | 19.5        | 506.5   | 17.6       |
| 14 or 15   | 47.8      | 43.3    | 114.7   | 202.2   | 149.4   | 66.2        | 623.7   | 21.7       |
| 13 and under   | *         | *       | 5.6     | 27.2    | 28.5    | 12.8        | 75.0    | 2.6        |
| Still at school  | 71.1      | *       | ..      | ..      | ..      | ..          | 71.1    | 2.5        |
| Total  | 317.2     | 455.4   | 761.7   | 740.6   | 424.8   | 177.9       | 2,877.7 | 100.0      |
| PERSONS  |           |         |         |         |         |             |         |            |
| With post-school qualifications(a)                         | 59.5      | 418.2   | 1,090.9 | 965.6   | 546.9   | 289.1       | 3,370.2 | 46.7       |
| Degree   | *         | 64.9    | 291.4   | 229.7   | 101.9   | 50.8        | 738.8   | 10.2       |
| Trade qualification or apprenticeship                      | 14.6      | 157.0   | 380.4   | 331.3   | 214.6   | 135.0       | 1,232.9 | 17.1       |
| Certificate or diploma                                     | 43.5      | 192.4   | 413.1   | 399.1   | 228.0   | 103.1       | 1,379.2 | 19.1       |
| Without post-school qualifications(b)                      | 485.4     | 568.4   | 858.6   | 867.7   | 577.7   | 370.2       | 3,727.8 | 51.6       |
| Attended highest level of secondary school available       | 175.4     | 248.4   | 248.5   | 154.2   | 68.7    | 39.6        | 934.8   | 12.9       |
| Did not attend highest level of secondary school available | 309.4     | 318.9   | 603.8   | 703.0   | 499.5   | 322.0       | 2,756.6 | 38.2       |
| Left at age--  |           |         |         |         |         |             |         |            |
| 16 and over  | 191.1     | 214.4   | 318.8   | 236.3   | 101.7   | 48.3        | 1,110.5 | 15.4       |
| 14 or 15   | 117.8     | 102.2   | 269.4   | 402.9   | 327.2   | 204.9       | 1,424.4 | 19.7       |
| 13 and under   | *         | *       | 15.6    | 63.8    | 70.6    | 68.8        | 221.6   | 3.1        |
| Still at school  | 121.1     | *       | ..      | ..      | ..      | ..          | 121.1   | 1.7        |
| Total  | 665.9     | 986.6   | 1,949.4 | 1,833.3 | 1,124.6 | 659.3       | 7,219.1 | 100.0      |

( a ) Includes persons with other post-school qualifications. ( b ) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.

TABLE 10. UNEMPLOYED PERSONS : UNEMPLOYMENT RATE AND UNEMPLOYMENT/POPULATION RATIO BY EDUCATIONAL ATTAINMENT AND AGE, FEBRUARY 1988

| Educational attainment                                     | Age group |         |         |         |         |             | Total |
|--|-----------|---------|---------|---------|---------|-------------|-------|
|  | 15 - 19   | 20 - 24 | 25 - 34 | 35 - 44 | 45 - 54 | 55 and over |       |
| UNEMPLOYED PERSONS ('000)                                  |           |         |         |         |         |             |       |
| With post-school qualifications(a)                         | 12.6      | 32.1    | 59.1    | 41.2    | 22.4    | 17.1        | 184.5 |
| Degree   | *         | *       | 13.3    | 5.2     | *       | *           | 27.3  |
| Trade qualification or apprenticeship                      | *         | 9.8     | 17.0    | 12.6    | 10.3    | 11.4        | 62.8  |
| Certificate or diploma                                     | 10.3      | 16.8    | 27.5    | 22.7    | 9.4     | *           | 91.1  |
| Without post-school qualifications(b)                      | 121.5     | 91.6    | 89.8    | 60.2    | 32.3    | 22.0        | 417.5 |
| Attended highest level of secondary school available       | 41.6      | 26.6    | 16.6    | 8.6     | *       | *           | 98.2  |
| Did not attend highest level of secondary school available | 79.6      | 64.7    | 72.2    | 50.5    | 28.2    | 18.8        | 313.9 |
| Left at age—   |           |         |         |         |         |             |       |
| 16 and over  | 40.2      | 39.8    | 27.5    | 18.2    | *       | *           | 133.0 |
| 14 or 15   | 38.5      | 24.1    | 41.6    | 27.5    | 18.1    | 11.8        | 161.6 |
| 13 and under   | *         | *       | *       | *       | 5.4     | *           | 19.2  |
| Still at school  | 40.4      | *       | ..      | ..      | ..      | ..          | 40.8  |
| Total  | 174.5     | 124.1   | 148.9   | 101.4   | 54.7    | 39.1        | 642.8 |
| UNEMPLOYMENT RATE (per cent)                               |           |         |         |         |         |             |       |
| With post-school qualifications(a)                         | 17.5      | 7.1     | 5.1     | 4.1     | 3.9     | 5.6         | 5.2   |
| Degree   | *         | *       | 4.4     | 2.2     | *       | *           | 3.6   |
| Trade qualification or apprenticeship                      | *         | 5.9     | 4.3     | 3.7     | 4.6     | 7.8         | 4.8   |
| Certificate or diploma                                     | 19.2      | 8.0     | 6.2     | 5.4     | 3.9     | *           | 6.2   |
| Without post-school qualifications(b)                      | 20.0      | 13.9    | 9.5     | 6.5     | 5.3     | 5.6         | 10.1  |
| Attended highest level of secondary school available       | 19.2      | 9.7     | 6.2     | 5.3     | *       | *           | 9.5   |
| Did not attend highest level of secondary school available | 20.5      | 16.9    | 10.7    | 6.7     | 5.3     | 5.5         | 10.2  |
| Left at age—   |           |         |         |         |         |             |       |
| 16 and over  | 17.4      | 15.7    | 7.9     | 7.1     | *       | *           | 10.7  |
| 14 or 15   | 24.6      | 19.1    | 13.4    | 6.4     | 5.2     | 5.5         | 10.2  |
| 13 and under   | *         | *       | *       | *       | 7.1     | *           | 8.0   |
| Still at school  | 25.0      | *       | ..      | ..      | ..      | ..          | 25.2  |
| Total  | 20.8      | 11.2    | 7.1     | 5.2     | 4.6     | 5.6         | 8.2   |
| UNEMPLOYMENT/POPULATION RATIO (per cent)                   |           |         |         |         |         |             |       |
| With post-school qualifications(a)                         | 16.3      | 6.5     | 4.4     | 3.6     | 3.3     | 1.8         | 3.9   |
| Degree   | *         | *       | 3.9     | 2.0     | *       | *           | 3.0   |
| Trade qualification or apprenticeship                      | *         | 5.6     | 4.1     | 3.4     | 3.9     | 2.7         | 3.7   |
| Certificate or diploma                                     | 17.5      | 7.2     | 4.8     | 4.5     | 3.2     | *           | 4.4   |
| Without post-school qualifications(b)                      | 16.7      | 11.2    | 6.8     | 4.8     | 3.3     | 1.0         | 5.7   |
| Attended highest level of secondary school available       | 14.8      | 8.0     | 4.9     | 4.2     | *       | *           | 6.8   |
| Did not attend highest level of secondary school available | 17.8      | 13.4    | 7.4     | 4.9     | 3.3     | 0.9         | 5.4   |
| Left at age—   |           |         |         |         |         |             |       |
| 16 and over  | 15.5      | 12.8    | 5.8     | 5.5     | *       | *           | 7.5   |
| 14 or 15   | 20.8      | 14.5    | 8.9     | 4.6     | 3.3     | 0.9         | 4.9   |
| 13 and under   | *         | *       | *       | *       | 3.9     | *           | 2.6   |
| Still at school  | 6.9       | *       | ..      | ..      | ..      | ..          | 7.0   |
| Total  | 12.5      | 9.5     | 5.6     | 4.2     | 3.3     | 1.2         | 5.1   |

( a ) Includes persons with other post-school qualifications. ( b ) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.



TABLE 11. UNEMPLOYED PERSONS : EDUCATIONAL ATTAINMENT AND AGE, FEBRUARY 1988

| Educational attainment                                     | Age group |         |         |         |         |             | Total |       |
|--|-----------|---------|---------|---------|---------|-------------|-------|-------|
|  | 15 - 19   | 20 - 24 | 25 - 34 | 35 - 44 | 45 - 54 | 55 and over |       |       |
|  | - '000 -  |         |         |         |         |             |       |       |
| MALES  |           |         |         |         |         |             |       |       |
| With post-school qualifications(a)                         | *         | 15.8    | 28.1    | 18.7    | 13.4    | 14.3        | 93.3  | 26.3  |
| Degree   | *         | *       | 5.3     | *       | *       | *           | 13.2  | 3.7   |
| Trade qualification or apprenticeship                      | *         | 8.5     | 15.4    | 11.2    | 9.5     | 10.8        | 56.0  | 15.8  |
| Certificate or diploma                                     | *         | *       | 6.7     | *       | *       | *           | 22.8  | 6.4   |
| Without post-school qualifications(b)                      | 66.1      | 56.7    | 50.8    | 30.0    | 20.0    | 18.9        | 242.5 | 68.4  |
| Attended highest level of secondary school available       | 19.0      | 14.4    | 9.1     | *       | *       | *           | 50.2  | 14.2  |
| Did not attend highest level of secondary school available | 47.1      | 42.1    | 41.1    | 24.7    | 18.1    | 16.5        | 189.6 | 53.5  |
| Left at age—   |           |         |         |         |         |             |       |       |
| 16 and over  | 23.5      | 25.4    | 14.4    | 9.1     | *       | *           | 78.4  | 22.1  |
| 14 or 15   | 22.8      | 16.4    | 24.3    | 12.6    | 10.9    | 9.7         | 96.7  | 27.3  |
| 13 and under   | *         | *       | *       | *       | *       | *           | 14.5  | 4.1   |
| Still at school  | 18.8      | *       | ..      | ..      | ..      | ..          | 18.8  | 5.3   |
| Total  | 87.9      | 72.5    | 79.0    | 48.7    | 33.4    | 33.1        | 354.7 | 100.0 |
| FEMALES  |           |         |         |         |         |             |       |       |
| With post-school qualifications(a)                         | 9.6       | 16.3    | 30.9    | 22.5    | 9.0     | *           | 91.2  | 31.6  |
| Degree   | *         | *       | 8.0     | *       | *       | *           | 14.2  | 4.9   |
| Trade qualification or apprenticeship                      | *         | *       | *       | *       | *       | *           | 6.8   | 2.4   |
| Certificate or diploma                                     | 7.9       | 12.7    | 20.8    | 18.5    | 6.6     | *           | 68.2  | 23.7  |
| Without post-school qualifications(b)                      | 55.5      | 34.9    | 39.0    | 30.2    | 12.3    | *           | 174.9 | 60.7  |
| Attended highest level of secondary school available       | 22.7      | 12.1    | 7.4     | *       | *       | *           | 48.0  | 16.7  |
| Did not attend highest level of secondary school available | 32.4      | 22.6    | 31.0    | 25.8    | 10.1    | *           | 124.3 | 43.1  |
| Left at age—   |           |         |         |         |         |             |       |       |
| 16 and over  | 16.7      | 14.4    | 13.1    | 9.1     | *       | *           | 54.6  | 19.0  |
| 14 or 15   | 15.8      | 7.7     | 17.3    | 14.9    | 7.1     | *           | 64.9  | 22.5  |
| 13 and under   | *         | *       | *       | *       | *       | *           | *     | *     |
| Still at school  | 21.5      | *       | ..      | ..      | ..      | ..          | 22.0  | 7.6   |
| Total  | 86.6      | 51.7    | 69.9    | 52.7    | 21.3    | 6.0         | 288.1 | 100.0 |
| PERSONS  |           |         |         |         |         |             |       |       |
| With post-school qualifications(a)                         | 12.6      | 32.1    | 59.1    | 41.2    | 22.4    | 17.1        | 184.5 | 28.7  |
| Degree   | *         | *       | 13.3    | 5.2     | *       | *           | 27.3  | 4.2   |
| Trade qualification or apprenticeship                      | *         | 9.8     | 17.0    | 12.6    | 10.3    | 11.4        | 62.8  | 9.8   |
| Certificate or diploma                                     | 10.3      | 16.8    | 27.5    | 22.7    | 9.4     | *           | 91.1  | 14.2  |
| Without post-school qualifications(b)                      | 121.5     | 91.6    | 89.8    | 60.2    | 32.3    | 22.0        | 417.5 | 64.9  |
| Attended highest level of secondary school available       | 41.6      | 26.6    | 16.6    | 8.6     | *       | *           | 98.2  | 15.3  |
| Did not attend highest level of secondary school available | 79.6      | 64.7    | 72.2    | 50.5    | 28.2    | 18.8        | 313.9 | 48.8  |
| Left at age—   |           |         |         |         |         |             |       |       |
| 16 and over  | 40.2      | 39.8    | 27.5    | 18.2    | *       | *           | 133.0 | 20.7  |
| 14 or 15   | 38.5      | 24.1    | 41.6    | 27.5    | 18.1    | 11.8        | 161.6 | 25.1  |
| 13 and under   | *         | *       | *       | *       | 5.4     | *           | 19.2  | 3.0   |
| Still at school  | 40.4      | *       | ..      | ..      | ..      | ..          | 40.8  | 6.4   |
| Total  | 174.5     | 124.1   | 148.9   | 101.4   | 54.7    | 39.1        | 642.8 | 100.0 |

( a ) Includes persons with other post-school qualifications. ( b ) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.

TABLE 12. UNEMPLOYED PERSONS : EDUCATIONAL ATTAINMENT AND DURATION OF CURRENT PERIOD OF UNEMPLOYMENT, FEBRUARY 1988

| Educational attainment                                     | Duration of current period of unemployment (weeks) |               |                |                 |                 |                  |              | Total | Average duration | Median duration |
|--|--|---------------|----------------|-----------------|-----------------|------------------|--------------|-------|------------------|-----------------|
|  | 1 and under 4                                      | 4 and under 8 | 8 and under 13 | 13 and under 26 | 26 and under 52 | 52 and under 104 | 104 and over |       |                  |                 |
| MALES  |  |               |                |                 |                 |                  |              |       |                  |                 |
|  | - '000-  |               |                |                 |                 |                  |              |       | - weeks-         |                 |
| With post-school qualifications(a)                         | 19.2   | 16.0          | 10.1           | 12.4            | 11.7            | 9.2              | 14.7         | 93.3  | 47.4             | 14              |
| Degree   | *  | *             | *              | *               | *               | *                | *            | 13.2  | 40.1             | 11              |
| Trade qualification or apprenticeship                      | 12.1   | 10.0          | 5.1            | 6.8             | 7.4             | 5.4              | 9.2          | 56.0  | 48.2             | 15              |
| Certificate or diploma                                     | *  | *             | *              | *               | *               | *                | *            | 22.8  | 50.1             | 13              |
| Without post-school qualifications(b)                      | 33.3   | 28.1          | 34.0           | 28.2            | 29.6            | 37.2             | 52.0         | 242.5 | 62.7             | 24              |
| Attended highest level of secondary school available       | 11.4   | 9.6           | 9.2            | 6.4             | *               | 5.7              | *            | 50.2  | 32.3             | 10              |
| Did not attend highest level of secondary school available | 21.2   | 18.5          | 24.8           | 21.7            | 25.9            | 30.8             | 46.7         | 189.6 | 70.7             | 30              |
| Left at age-   |  |               |                |                 |                 |                  |              |       |                  |                 |
| 16 and over  | 10.4   | 7.8           | 13.4           | 9.7             | 10.4            | 12.0             | 14.7         | 78.4  | 57.3             | 22              |
| 14 or 15   | 9.2  | 9.8           | 9.1            | 10.8            | 13.7            | 17.7             | 26.5         | 96.7  | 77.4             | 39              |
| 13 and under   | *  | *             | *              | *               | *               | *                | 5.6          | 14.5  | 98.0             | 40              |
| Still at school  | *  | *             | *              | *               | *               | *                | *            | 18.8  | 14.2             | 9               |
| Total  | 56.6   | 48.7          | 47.0           | 44.5            | 42.9            | 48.2             | 66.7         | 354.7 | 56.1             | 18              |
| Proportion of unemployed persons                           | 16.0   | -per cent-    |                | 12.6            | 12.1            | 13.6             | 18.8         | 100.0 | ..               | ..              |
| FEMALES  |  |               |                |                 |                 |                  |              |       |                  |                 |
|  | - '000-  |               |                |                 |                 |                  |              |       | - weeks-         |                 |
| With post-school qualifications(a)                         | 27.7   | 16.5          | 13.5           | 9.4             | 6.3             | 10.9             | 6.9          | 91.2  | 28.5             | 8               |
| Degree   | 6.0  | *             | *              | *               | *               | *                | *            | 14.2  | 11.1             | 5               |
| Trade qualification or apprenticeship                      | *  | *             | *              | *               | *               | *                | *            | 6.8   | 47.5             | 27              |
| Certificate or diploma                                     | 20.2   | 12.9          | 11.0           | 7.2             | *               | 8.4              | 5.0          | 68.2  | 28.5             | 8               |
| Without post-school qualifications(b)                      | 42.1   | 26.2          | 23.8           | 21.7            | 20.6            | 22.8             | 17.8         | 174.9 | 34.5             | 12              |
| Attended highest level of secondary school available       | 12.4   | 9.8           | 11.2           | 6.0             | *               | *                | *            | 48.0  | 22.5             | 8               |
| Did not attend highest level of secondary school available | 29.6   | 16.4          | 12.5           | 15.6            | 16.2            | 18.4             | 15.6         | 124.3 | 38.3             | 15              |
| Left at age-   |  |               |                |                 |                 |                  |              |       |                  |                 |
| 16 and over  | 13.6   | 8.4           | 5.8            | 7.0             | 7.8             | 8.7              | *            | 54.6  | 28.5             | 12              |
| 14 or 15   | 15.6   | 7.4           | 6.1            | 8.1             | 8.0             | 8.6              | 11.1         | 64.9  | 44.9             | 17              |
| 13 and under   | *  | *             | *              | *               | *               | *                | *            | *     | *                | *               |
| Still at school  | 8.0  | 5.4           | *              | *               | *               | *                | *            | 22.0  | 11.7             | 6               |
| Total  | 77.8   | 48.0          | 41.1           | 33.3            | 27.7            | 35.6             | 24.6         | 288.1 | 30.9             | 9               |
| Proportion of unemployed persons                           | 27.0   | -per cent-    |                | 11.6            | 9.6             | 12.4             | 8.6          | 100.0 | ..               | ..              |
| PERSONS  |  |               |                |                 |                 |                  |              |       |                  |                 |
|  | - '000-  |               |                |                 |                 |                  |              |       | - weeks-         |                 |
| With post-school qualifications(a)                         | 47.0   | 32.5          | 23.6           | 21.8            | 18.0            | 20.1             | 21.5         | 184.5 | 38.1             | 9               |
| Degree   | 9.0  | *             | *              | *               | *               | *                | *            | 27.3  | 25.1             | 7               |
| Trade qualification or apprenticeship                      | 13.5   | 10.9          | 5.5            | 7.2             | 8.3             | 6.8              | 10.6         | 62.8  | 48.1             | 16              |
| Certificate or diploma                                     | 24.3   | 16.3          | 14.5           | 10.8            | 5.2             | 10.7             | 9.1          | 91.1  | 33.9             | 8               |
| Without post-school qualifications(b)                      | 75.4   | 54.3          | 57.8           | 49.9            | 50.3            | 60.1             | 69.8         | 417.5 | 50.9             | 17              |
| Attended highest level of secondary school available       | 23.8   | 19.3          | 20.4           | 12.4            | 6.9             | 9.4              | 6.0          | 98.2  | 27.5             | 9               |
| Did not attend highest level of secondary school available | 50.8   | 34.9          | 37.3           | 37.3            | 42.1            | 49.2             | 62.3         | 313.9 | 57.9             | 24              |
| Left at age-   |  |               |                |                 |                 |                  |              |       |                  |                 |
| 16 and over  | 24.0   | 16.2          | 19.2           | 16.7            | 18.2            | 20.7             | 18.1         | 133.0 | 45.5             | 17              |
| 14 or 15   | 24.8   | 17.1          | 15.2           | 18.9            | 21.7            | 26.3             | 37.6         | 161.6 | 64.3             | 27              |
| 13 and under   | *  | *             | *              | *               | *               | *                | 6.6          | 19.2  | 89.0             | 40              |
| Still at school  | 12.1   | 10.0          | 6.6            | 6.1             | *               | *                | *            | 40.8  | 12.8             | 7               |
| Total  | 134.4  | 96.7          | 88.0           | 77.8            | 70.6            | 83.8             | 91.3         | 642.8 | 44.8             | 13              |
| Proportion of unemployed persons                           | 20.9   | -per cent-    |                | 12.1            | 11.0            | 13.0             | 14.2         | 100.0 | ..               | ..              |

(a) Includes persons with other post-school qualifications. (b) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.

TABLE 13. PERSONS NOT IN THE LABOUR FORCE : WHETHER IN THE LABOUR FORCE IN THE LAST TWELVE MONTHS, EDUCATIONAL ATTAINMENT AND MAIN ACTIVITY WHILE NOT IN THE LABOUR FORCE, FEBRUARY 1988 ('000)

| Educational attainment                                     | Main activity while not in the labour force |                                     |                                 |              |                     |                            |                                   |                                 |       | Total(a) |
|--|---|-------------------------------------|---------------------------------|--------------|---------------------|----------------------------|-----------------------------------|---------------------------------|-------|----------|
|  | Kept house                                  | Attended an educational institution | Retired or voluntarily inactive | Unpaid leave | Own illness, injury | Own disability or handicap | Worked in an unpaid voluntary job | Travelled, moved house, holiday | Other |          |
| IN THE LABOUR FORCE IN THE LAST TWELVE MONTHS              |   |                                     |                                 |              |                     |                            |                                   |                                 |       |          |
| With post-school qualifications(b)                         | 117.0                                       | 17.2                                | 36.0                            | *            | 15.7                | *                          | *                                 | 13.7                            | 8.3   | 224.9    |
| Degree   | 17.8  | 8.4                                 | 6.5                             | *            | *                   | *                          | *                                 | *                               | *     | 41.6     |
| Trade qualification or apprenticeship                      | 14.0  | *                                   | 15.5                            | *            | 9.3                 | *                          | *                                 | *                               | *     | 52.6     |
| Certificate or diploma                                     | 83.0  | 7.7                                 | 14.0                            | *            | *                   | *                          | *                                 | 6.5                             | *     | 128.4    |
| Without post-school qualifications(c)                      | 203.7                                       | 47.4                                | 40.7                            | *            | 27.9                | *                          | *                                 | 13.2                            | 9.8   | 381.6    |
| Attended highest level of secondary school available       | 34.1  | 35.6                                | 6.4                             | *            | *                   | *                          | *                                 | *                               | *     | 94.9     |
| Did not attend highest level of secondary school available | 166.9                                       | 11.7                                | 33.7                            | *            | 23.5                | *                          | *                                 | 8.5                             | 6.9   | 282.6    |
| Left at age—   |   |                                     |                                 |              |                     |                            |                                   |                                 |       |          |
| 16 and over  | 65.3  | 6.1                                 | 7.5                             | *            | 7.4                 | *                          | *                                 | *                               | *     | 104.7    |
| 14 or 15   | 90.6  | 5.2                                 | 20.8                            | *            | 13.6                | *                          | *                                 | *                               | *     | 155.8    |
| 13 and under   | 10.9  | *                                   | 5.4                             | *            | *                   | *                          | *                                 | *                               | *     | 22.0     |
| Still at school  | *   | 84.6                                | *                               | *            | *                   | *                          | *                                 | *                               | *     | 89.8     |
| Total  | 322.3                                       | 149.2                               | 76.7                            | 7.0          | 43.8                | *                          | *                                 | 28.7                            | 18.1  | 696.2    |
| Males  | 10.8  | 76.1                                | 62.6                            | *            | 32.7                | *                          | *                                 | 14.4                            | 11.9  | 238.7    |
| Females  | 311.5                                       | 73.1                                | 14.1                            | 5.0          | 11.1                | *                          | *                                 | 14.3                            | 6.2   | 457.6    |
| NOT IN THE LABOUR FORCE IN THE LAST TWELVE MONTHS          |   |                                     |                                 |              |                     |                            |                                   |                                 |       |          |
| With post-school qualifications(b)                         | 453.9                                       | 18.1                                | 328.5                           | *            | 37.2                | 14.9                       | 28.3                              | 5.8                             | 12.6  | 905.2    |
| Degree   | 37.2  | 10.7                                | 34.1                            | *            | *                   | *                          | 5.2                               | *                               | *     | 95.1     |
| Trade qualification or apprenticeship                      | 80.6  | *                                   | 196.6                           | *            | 23.3                | 9.7                        | *                                 | *                               | 6.0   | 327.0    |
| Certificate or diploma                                     | 324.4                                       | 5.6                                 | 96.3                            | *            | 9.9                 | *                          | 18.1                              | *                               | 6.3   | 469.0    |
| Without post-school qualifications(c)                      | 1,784.1                                     | 85.4                                | 697.1                           | *            | 121.6               | 66.4                       | 29.8                              | 7.8                             | 23.6  | 2,825.0  |
| Attended highest level of secondary school available       | 167.8                                       | 62.9                                | 61.2                            | *            | 10.7                | *                          | *                                 | *                               | *     | 318.2    |
| Did not attend highest level of secondary school available | 1,594.7                                     | 22.2                                | 620.7                           | *            | 107.1               | 58.6                       | 25.5                              | 6.0                             | 19.8  | 2,462.0  |
| Left at age—   |   |                                     |                                 |              |                     |                            |                                   |                                 |       |          |
| 16 and over  | 307.4                                       | 11.9                                | 71.8                            | *            | 21.2                | 11.3                       | 7.2                               | *                               | *     | 436.9    |
| 14 or 15   | 1,023.8                                     | 9.9                                 | 388.1                           | *            | 57.2                | 29.0                       | 14.9                              | *                               | 13.1  | 1,544.3  |
| 13 and under   | 263.5                                       | *                                   | 160.7                           | *            | 28.7                | 18.3                       | *                                 | *                               | *     | 480.8    |
| Still at school  | *   | 332.3                               | *                               | *            | *                   | *                          | *                                 | *                               | *     | 334.8    |
| Total  | 2,238.8                                     | 435.9                               | 1,026.0                         | *            | 158.8               | 82.1                       | 58.1                              | 14.0                            | 36.5  | 4,065.1  |
| Males  | 55.6  | 221.7                               | 782.4                           | *            | 113.5               | 59.3                       | 16.6                              | 6.0                             | 18.1  | 1,281.4  |
| Females  | 2,183.2                                     | 214.1                               | 243.6                           | *            | 45.4                | 22.8                       | 41.6                              | 8.1                             | 18.4  | 2,783.6  |
| TOTAL  |   |                                     |                                 |              |                     |                            |                                   |                                 |       |          |
| With post-school qualifications(b)                         | 571.0                                       | 35.4                                | 364.5                           | *            | 52.9                | 16.8                       | 29.5                              | 19.6                            | 20.9  | 1,130.1  |
| Degree   | 55.0  | 19.1                                | 40.6                            | *            | 5.4                 | *                          | 5.7                               | 5.7                             | *     | 136.7    |
| Trade qualification or apprenticeship                      | 94.6  | *                                   | 212.2                           | *            | 32.6                | 10.3                       | *                                 | 5.9                             | 9.6   | 379.7    |
| Certificate or diploma                                     | 407.4                                       | 13.3                                | 110.3                           | *            | 14.6                | 5.8                        | 18.3                              | 8.0                             | 9.5   | 597.4    |
| Without post-school qualifications(c)                      | 1,987.8                                     | 132.8                               | 737.9                           | *            | 149.5               | 68.9                       | 31.0                              | 21.1                            | 33.4  | 3,206.6  |
| Attended highest level of secondary school available       | 201.9                                       | 98.6                                | 67.6                            | *            | 14.7                | *                          | *                                 | 6.3                             | 6.7   | 413.1    |
| Did not attend highest level of secondary school available | 1,761.6                                     | 33.9                                | 654.4                           | *            | 130.6               | 61.1                       | 26.0                              | 14.6                            | 26.7  | 2,744.5  |
| Left at age—   |   |                                     |                                 |              |                     |                            |                                   |                                 |       |          |
| 16 and over  | 372.8                                       | 18.0                                | 79.3                            | *            | 28.5                | 11.8                       | 7.6                               | 6.2                             | 5.4   | 541.6    |
| 14 or 15   | 1,114.4                                     | 15.1                                | 408.9                           | *            | 70.8                | 31.1                       | 15.1                              | 7.3                             | 17.7  | 1,700.1  |
| 13 and under   | 274.4                                       | *                                   | 166.1                           | *            | 31.3                | 18.3                       | *                                 | *                               | *     | 502.9    |
| Still at school  | *   | 416.9                               | *                               | *            | *                   | *                          | *                                 | *                               | *     | 424.6    |
| Total  | 2,561.1                                     | 585.1                               | 1,102.7                         | 7.8          | 202.6               | 86.5                       | 60.5                              | 42.8                            | 54.6  | 4,761.3  |
| Males  | 66.5  | 297.9                               | 845.0                           | *            | 146.1               | 63.6                       | 18.0                              | 20.4                            | 30.0  | 1,520.1  |
| Females  | 2,494.6                                     | 287.2                               | 257.6                           | 5.0          | 56.5                | 23.0                       | 42.5                              | 22.4                            | 24.6  | 3,241.2  |

(a) Includes persons whose main activity could not be determined. (b) Includes persons with other post-school qualifications. (c) Includes persons who never attended school and those for whom secondary school qualifications could not be determined.

## APPENDIX A

### GLOSSARY

*Certificate or diploma:* completion of an approved certificate or diploma in secretarial or business studies, administration, teaching, nursing, etc.

*Degree:* a bachelor degree (including honours), a graduate or post-graduate diploma, masters degree or a doctorate.

*Educational attainment:* measures the highest qualification obtained by the respondent. Qualifications may include those obtained at other than educational institutions (e.g. nursing qualifications obtained at a hospital).

*Highest level of secondary school available:* the highest level of secondary schooling (or equivalent) offered by the education system at the time the respondent left school.

*Main field of study:* respondents with a degree; trade qualification or apprenticeship; or a certificate or diploma (as defined) indicated the main field of study for their highest qualification.

*Other post-school qualifications:* completion of other

types of education, e.g. adult education, preparatory/bridging course or hobby course.

*Persons with a post-school qualification:* those who had left school and answered 'Yes' to the question: 'Since leaving school have you obtained a trade qualification, certificate, diploma, degree or any other qualification?'. Respondents indicated which of the following groups best described their highest qualification: Degree; Trade qualification or apprenticeship; Certificate or diploma; Other post-school qualification.

*Still at school:* current school attendance was recorded only for persons aged fifteen to twenty years.

*Trade qualification or apprenticeship:* completion of an approved trade/technical apprenticeship in fitting and turning, hairdressing, plumbing, carpentry, etc.

*Unemployment/population ratio:* the number of unemployed persons, for any group, expressed as a percentage of all persons in the same group.

## APPENDIX B

### EXPLANATORY NOTES

#### Introduction

The monthly population survey (which is described in *The Labour Force, Australia* (6203.0)) comprises the monthly labour force survey and supplementary topics. This publication contains some results of a supplementary survey run in association with the February 1988 labour force survey conducted throughout Australia.

2. Of the respondents to the labour force survey, those who fell within the scope of the supplementary survey were asked additional questions. They were asked about their highest educational qualifications. For persons with post-school qualifications, the information sought included field of study, and for those without post-school qualifications, it included whether they completed the highest level of secondary schooling available, and if not, at what age they left school.

#### Scope

3. The scope of this supplementary survey was the same as that used for the labour force survey (described in full in *The Labour Force, Australia* (6203.0)) except that it excluded visitors to private dwellings, students who were boarding at school, some patients in hospitals and sanatoriums and inmates of gaols, reformatories etc.

4. In the tables, "All Persons" refers to all persons within the scope of the survey.

#### Coverage

5. In the population survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. See *The Labour Force, Australia* (6203.0) for more details.

#### Definitions

6. Definitions of labour force and demographic classifications appearing in this publication are given in *The Labour Force, Australia* (6203.0).

7. Unless otherwise stated, all characteristics referenced in this publication relate to the week before the interview.

#### Results of the survey

8. Due to differences in the method of estimation used in this supplementary survey and that used in the labour force survey, there are some small variations between estimates in this publication and those in the corresponding issue of *The Labour Force, Australia* (6203.0).

9. The estimates in this publication refer to information collected in the survey month and, due to seasonal factors, may not be representative of other months of the year.

10. A publication *Labour Force Status and Educational Attainment, Australia, February 1988, Summary* (6240.0) containing a summary of the results of the survey was released on 4 May 1988.

11. Results of similar surveys, conducted annually since February 1979, have been published in *Labour Force Status and Educational Attainment, Australia* (6235.0).

12. It is proposed that this survey will be conducted next in February 1989.

#### Unpublished tables

13. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, manually extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section at the front of this publication, or to Information Services in the nearest ABS Office.

#### Discontinuities in the series

14. Since February 1987 an expanded classification of post-school qualifications has been used. As a result a small number of persons previously categorised as "Degree" or "Other" may now be included in the categories "Trade qualification or apprenticeship" or "Certificate or diploma".

15. Estimates contained in this publication are based on a revised labour force questionnaire introduced in April 1986. The definition of employment was expanded, resulting in decreases in the estimates of unemployed persons and persons not in the labour force. Further information is contained in *The Labour Force, Australia* (6203.0) and in an information paper *Questionnaires Used in the Labour Force Survey* (6232.0).

16. Classification of occupation according to the Australian Standard Classification of Occupations (ASCO 1986) was introduced in the August 1986 labour force survey, replacing the Classification and Classified List of Occupations (CCLO), used in previous surveys. The main difference between these classifications is that ASCO occupations are classified on the basis of the level and specialisation of skill required for the satisfactory performance of primary tasks. For a more detailed explanation of ASCO see the appendix to *The Labour Force, Australia, August 1986* (6203.0).

17. To provide a link between the two classifications, a matrix has been produced and is shown in Table 41 of *The Labour Force, Australia, August 1986* (6203.0). It shows the relationship between ASCO and CCLO at the broadest classification level (the Major Group). The estimates in the matrix are based on a sub-sample of respondents to the May 1986 labour force survey.

#### Survey sample redesign

18. The labour force survey sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over

the period September 1987 to December 1987. For details, see *Information Paper — Labour Force Survey — Sample Design* (6269.0).

#### Reliability of the estimates

19. Estimates in this publication are subject to sampling and non-sampling error. For more information refer to the Technical Note, Appendix C.

#### Related publications

20. Other ABS publications which may be of interest include:

*The Labour Force, Australia* (6203.0)—issued monthly

*Transition from Education to Work, Australia* (6227.0)—issued annually

21. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### Symbols and other usages

- \* subject to sampling variability too high for most practical uses. See the Technical Note, Appendix C.
- .. not applicable

22. Because estimates have been rounded, discrepancies may occur between sums of the component items and totals.

#### Electronic services

VIATEL. Key \*656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.

#### Floppy disk service

Selected ABS statistics are available on floppy disk. Further information is available on (062) 52 6684.

IAN CASTLES  
Australian Statistician

## APPENDIX C

## TECHNICAL NOTE

## Estimation procedure

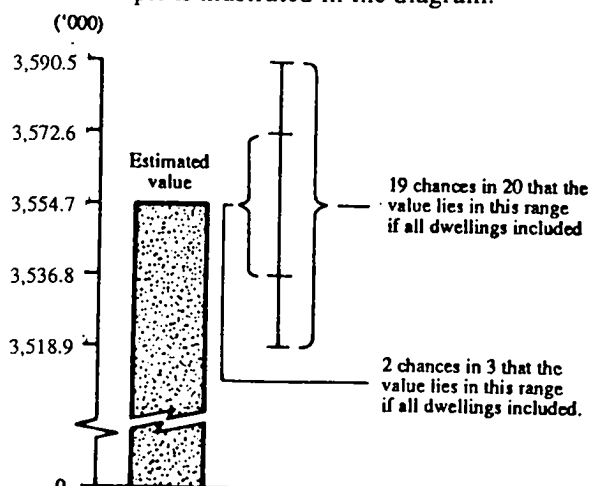
The estimates are derived from the population survey by use of a ratio estimation procedure which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex, rather than to the corresponding distribution within the sample itself.

## Reliability of the estimates

2. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability, that is, they may differ from those that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the number that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of the likely difference is the *relative standard error*, which is obtained by expressing the standard error as a percentage of the estimate.

3. Space does not allow for the separate indication of the standard errors of all estimates in this publication. A table of standard errors for general application is given on the following page. Since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics these figures will not give a precise measure of the standard error of a particular estimate but they will provide an indication of its magnitude.

4. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. From Table 4 the estimated number of persons in the labour force with post-school qualifications is 3,554,700. Since this estimate is between 2,000,000 and 5,000,000 the standard error for Australia will be between 15,200 and 20,500 in the standard error table and can be approximated as 17,900 (rounded to the nearest 100). Therefore there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall in the range 3,536,800 to 3,572,600 and about nineteen chances in twenty that the value will fall within the range 3,518,900 and 3,590,500. This example is illustrated in the diagram.



5. As can be seen from the standard error table, *the smaller the estimate the higher is the relative standard error*. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, estimates less than the lowest levels shown in the standard error table have not been published. Although, in some cases, estimates for these small components can be derived by subtraction, they should not be regarded as reliable.

6. Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. A formula to approximate the relative standard error (RSE) of a proportion is given below:

$$RSE (x/y) = \sqrt{[RSE (x)]^2 + [RSE (y)]^2}$$

7. Considering the example from paragraph 4 above, the 3,554,700 persons in the labour force with post-school qualifications represent 75.9 per cent of the 4,684,800 persons in the total population who had post-school qualifications. The standard error for 4,684,800 is approximately 19,900 so the relative standard error is 0.4 per cent. The relative standard error for 3,554,700 is 0.5 per cent. Applying the above formula, the relative standard error of the proportion is  $\sqrt{(0.5)^2 + (0.4)^2}$  or 0.3 per cent, giving a standard error for the proportion (75.9 per cent) of 0.2 percentage points. Therefore, there are about two chances in three that the proportion of persons with post-school qualifications is between 75.7 per cent and 76.1 per cent and nineteen chances in twenty the proportion is within the range 75.5 per cent to 76.3 per cent.

8. Published estimates may also be used to calculate the difference between two survey estimates (of numbers or percentages). Such an estimate is subject to sampling error. The sampling error of the difference between two estimates depends on their standard errors and the relationship (correlation) between them. An approximate standard error (SE) of the difference between two estimates (x-y) may be calculated by the following formula:

$$SE (x-y) = \sqrt{[SE (x)]^2 + [SE (y)]^2}$$

While this formula will only be exact for differences between separate and uncorrelated characteristics or sub-populations, it is expected to provide a good approximation for all differences likely to be of interest in this publication.

9. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents and errors made in coding and processing data. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

### STANDARD ERRORS OF ESTIMATES

[illegible]